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***** Welcome to STN International *****

NEWS	1		Web Page for STN Seminar Schedule - N. America
NEWS	2	JUL 28	CA/CAPLUS patent coverage enhanced
NEWS	3	JUL 28	EPFULL enhanced with additional legal status information from the epoline Register
NEWS	4	JUL 28	IFICDB, IFIPAT, and IFIUDB reloaded with enhancements
NEWS	5	JUL 28	STN Viewer performance improved
NEWS	6	AUG 01	INPADOCDB and INPAFAMDB coverage enhanced
NEWS	7	AUG 13	CA/CAPLUS enhanced with printed Chemical Abstracts page images from 1967-1998
NEWS	8	AUG 15	CAOLD to be discontinued on December 31, 2008
NEWS	9	AUG 15	CAPLUS currency for Korean patents enhanced
NEWS	10	AUG 27	CAS definition of basic patents expanded to ensure comprehensive access to substance and sequence information
NEWS	11	SEP 18	Support for STN Express, Versions 6.01 and earlier, to be discontinued
NEWS	12	SEP 25	CA/CAPLUS current-awareness alert options enhanced to accommodate supplemental CAS indexing of exemplified prophetic substances
NEWS	13	SEP 26	WPIDS, WPINDEX, and WPIX coverage of Chinese and Korean patents enhanced
NEWS	14	SEP 29	IFICLS enhanced with new super search field
NEWS	15	SEP 29	EMBASE and EMBAL enhanced with new search and display fields
NEWS	16	SEP 30	CAS patent coverage enhanced to include exemplified prophetic substances identified in new Japanese-language patents
NEWS	17	OCT 07	EPFULL enhanced with full implementation of EPC2000
NEWS	18	OCT 07	Multiple databases enhanced for more flexible patent number searching
NEWS	19	OCT 22	Current-awareness alert (SDI) setup and editing enhanced
NEWS	20	OCT 22	WPIDS, WPINDEX, and WPIX enhanced with Canadian PCT Applications
NEWS	21	OCT 24	CHEMLIST enhanced with intermediate list of pre-registered REACH substances
NEWS EXPRESS	JUNE 27 08	CURRENT WINDOWS VERSION IS V8.3, AND CURRENT DISCOVER FILE IS DATED 23 JUNE 2008.	
NEWS HOURS	STN Operating Hours Plus Help Desk Availability		
NEWS LOGIN	Welcome Banner and News Items		
NEWS IPC8	For general information regarding STN implementation of IPC 8		

Enter NEWS followed by the item number or name to see news on that specific topic.

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***** STN Columbus *****

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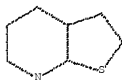
L1 STR

L2 42183 SEA FILE=REGISTRY SSS FUL L1

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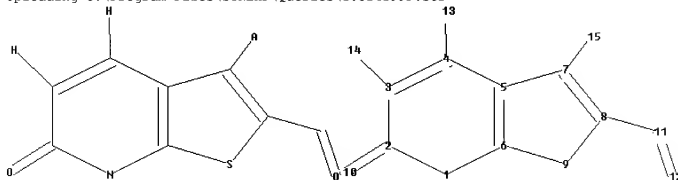
L1 STR



Structure attributes must be viewed using STN Express query preparation.

=>

Uploading C:\Program Files\STNEXP\Queries\10524199F.str



chain nodes :

10 11 12 13 14 15

ring nodes :

1 2 3 4 5 6 7 8 9

chain bonds :

2-10 3-14 4-13 7-15 8-11 11-12

ring bonds :

1-2 1-6 2-3 3-4 4-5 5-6 5-7 6-9 7-8 8-9

exact/norm bonds :
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 exact bonds :
 3-14 4-13 8-11

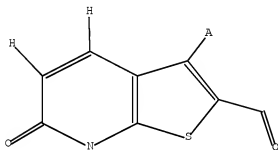
Match level :
 1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:CLASS
 11:CLASS 12:CLASS 13:CLASS 14:CLASS 15:CLASS

L3 STRUCTURE UPLOADED

=> D L3

L3 HAS NO ANSWERS

L3 STR



Structure attributes must be viewed using STN Express query preparation.

=> S SSS SAM L3 SUBSET=L2

SAMPLE SUBSET SEARCH INITIATED 20:29:09 FILE 'REGISTRY'

SAMPLE SUBSET SCREEN SEARCH COMPLETED - 976 TO ITERATE

100.0% PROCESSED 976 ITERATIONS 25 ANSWERS
 SEARCH TIME: 00.00.01

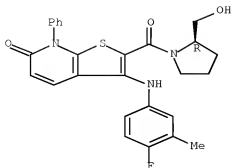
PROJECTIONS (WITHIN SPECIFIED SUBSET):	ONLINE	**COMPLETE**
PROJECTED ITERATIONS (WITHIN SPECIFIED SUBSET):	17646 TO	21394
PROJECTED ANSWERS (WITHIN SPECIFIED SUBSET):	200 TO	800

L4 25 SEA SUB=L2 SSS SAM L3

=> D SCAN

L4 25 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN
 IN Thieno[2,3-b]pyridin-6(7H)-one, 3-[(4-fluoro-3-methylphenyl)amino]-2-
 [[(2R)-2-(hydroxymethyl)-1-pyrrolidiny]carbonyl]-7-phenyl-
 MF C26 H24 F N3 O3 S

Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):0

=> S SSS FULL L3 SUBSET=L2

FULL SUBSET SEARCH INITIATED 20:30:01 FILE 'REGISTRY'

FULL SUBSET SCREEN SEARCH COMPLETED - 20119 TO ITERATE

100.0% PROCESSED 20119 ITERATIONS

464 ANSWERS

SEARCH TIME: 00.00.01

L5 464 SEA SUB=L2 SSS FUL L3

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'L5' IS NOT VALID HERE

For an explanation, enter "HELP SAVE".

=> SAVE TEMP L5 BROO10524199/A

ANSWER SET L5 HAS BEEN SAVED AS 'BROO10524199/A'

=> FILE CAPLU

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

44.86

45.07

FILE 'CAPLUS' ENTERED AT 20:30:54 ON 18 NOV 2008

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FILE COVERS 1907 - 18 Nov 2008 VOL 149 ISS 21

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=> S L5

L6 8 L5

=> D IBIB ABS HITSTR 1-8

L6 ANSWER 1 OF 8 CAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 2008:6735/3 CAPLUS Full-text

DOCUMENT NUMBER: 149:32285

TITLE: Aminoethienopyridinone derivatives as p38 MAP kinase inhibitors and their preparation, pharmaceutical compositions and use in the treatment of diseases

INVENTOR(S): Davis, Jeremy Martin; Brookings, Daniel Christopher; Langham, Barry John; Hutchings, Martin Clive

PATENT ASSIGNEE(S): UCB Pharma, S.A., Belg.

SOURCE: PCT Int. Appl., 37pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2008064829	A2	20080605	WO 2007-EP10189	20071123
WO 2008064829	A3	20081023		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW				
RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, MT, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GO, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AP, EA, EP, OA				
PRIORITY APPLN. INFO.:			GB 2006-23955	A 20061130
			EP 2007-1807	A 20070127

OTHER SOURCE(S): MARPAT 149:32285

GI

* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

AB The invention relates to 3-aminothienopyridinone derivs. of formula I, to processes for preparing them, to pharmaceutical compns. containing them and to their use as pharmaceuticals. Compds. of formula I wherein R1 and R2 are

independently C1-3 alkyl, halo and OH; m and n are independently 1-3; R3R4 taken together to form (un)substituted 4- to 6-membered non-aromatic heterocycle; and their pharmaceutically acceptable salts, stereoisomers, geometrical isomers, enantiomers and diastereoisomers thereof, are claimed. Example compound II was prepared by N-arylation of 3-bromo-7-(2,6-difluorophenyl)-2-((2R)-2-[(tetrahydro-2H-pyran-2-yl)oxy)methyl]pyrrolidin-1-yl)carbonyl)thieno[2,3-b]pyridin-6(7H)-one with 2-amino-6-picoline. All the invention compds. were evaluated for their p38 MAP kinase inhibitory activity. From the assay, it was determined that II exhibited the IC50 values of 15 - 30 nm against p38 α MAP kinase inhibitor.

IT 1030833-61-4P 1030833-63-6P 1030833-64-7P
1030833-66-9P 1030833-68-1P 1030833-70-5P
1030833-72-7E 1030833-74-9P

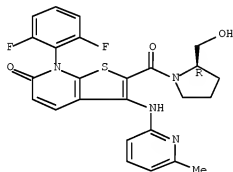
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(drug candidate; preparation of aminothienopyridinone derivs. as p38 MAP kinase inhibitors useful in the treatment of diseases)

RN 1030833-61-4 CAPLUS

CN Thieno[2,3-b]pyridin-6(7H)-one, 7-(2,6-difluorophenyl)-2-[[2R)-2-(hydroxymethyl)-1-pyrrolidinyl]carbonyl]-3-[(6-methyl-2-pyridinyl)amino]-
(CA INDEX NAME)

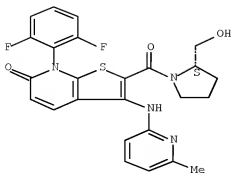
Absolute stereochemistry.



RN 1030833-63-6 CAPLUS

CN Thieno[2,3-b]pyridin-6(7H)-one, 7-(2,6-difluorophenyl)-2-[[2S)-2-(hydroxymethyl)-1-pyrrolidinyl]carbonyl]-3-[(6-methyl-2-pyridinyl)amino]-
(CA INDEX NAME)

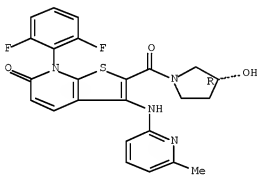
Absolute stereochemistry.



RN 1030833-64-7 CAPLUS

CN Thieno[2,3-b]pyridin-6(7H)-one, 7-(2,6-difluorophenyl)-2-[[(3R)-3-hydroxy-1-pyrrolidinyl]carbonyl]-3-[(6-methyl-2-pyridinyl)amino]- (CA INDEX NAME)

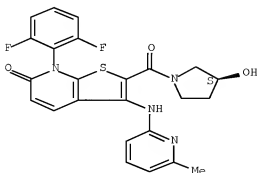
Absolute stereochemistry.



RN 1030833-66-9 CAPLUS

CN Thieno[2,3-b]pyridin-6(7H)-one, 7-(2,6-difluorophenyl)-2-[[(3S)-3-hydroxy-1-pyrrolidinyl]carbonyl]-3-[(6-methyl-2-pyridinyl)amino]- (CA INDEX NAME)

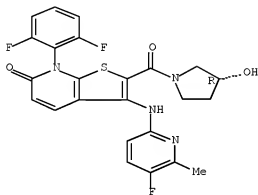
Absolute stereochemistry.



RN 1030833-68-1 CAPLUS

CN Thieno[2,3-b]pyridin-6(7H)-one, 7-(2,6-difluorophenyl)-3-[(5-fluoro-6-methyl-2-pyridinyl)amino]-2-[[{(3R)-3-hydroxy-1-pyrrolidinyl}carbonyl]-
(CA INDEX NAME)

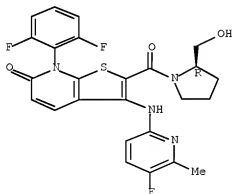
Absolute stereochemistry.



RN 1030833-70-5 CAPLUS

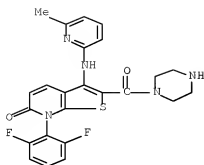
CN Thieno[2,3-b]pyridin-6(7H)-one, 7-(2,6-difluorophenyl)-3-[(5-fluoro-6-methyl-2-pyridinyl)amino]-2-[[{(2R)-2-(hydroxymethyl)-1-pyrrolidinyl}carbonyl]-
(CA INDEX NAME)

Absolute stereochemistry.



RN 1030833-72-7 CAPLUS

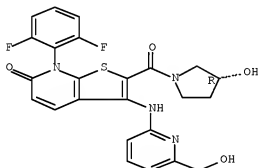
CN Thieno[2,3-b]pyridin-6(7H)-one, 7-(2,6-difluorophenyl)-3-[(6-methyl-2-pyridinyl)amino]-2-(1-piperazinylcarbonyl)-
(CA INDEX NAME)



RN 1030833-74-9 CAPLUS

CN Thieno[2,3-b]pyridin-6(7H)-one, 7-(2,6-difluorophenyl)-3-[[6-(hydroxymethyl)-2-pyridinyl]amino]-2-[[[(3R)-3-hydroxy-1-pyrrolidinyl]carbonyl]- (CA INDEX NAME)

Absolute stereochemistry.



IT 1030833-75-0P 1030833-76-1P 1030833-77-2P

1030833-78-3P 1030833-80-7P 1030833-82-9P

1030833-84-1P 1030833-87-4P 1030833-89-6P

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1030833-95-4P 1030833-96-5P 1030833-97-6P

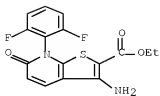
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RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

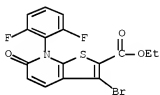
(intermediate; preparation of aminothienopyridinone derivs. as p38 MAP kinase inhibitors useful in the treatment of diseases)

RN 1030833-75-0 CAPLUS

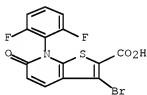
CN Thieno[2,3-b]pyridine-2-carboxylic acid, 3-amino-7-(2,6-difluorophenyl)-6,7-dihydro-6-oxo-, ethyl ester (CA INDEX NAME)



RN 1030833-76-1 CAPLUS
 CN Thieno[2,3-b]pyridine-2-carboxylic acid,
 3-bromo-7-(2,6-difluorophenyl)-6,7-dihydro-6-oxo-, ethyl ester (CA INDEX
 NAME)

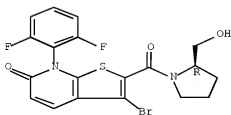


RN 1030833-77-2 CAPLUS
 CN Thieno[2,3-b]pyridine-2-carboxylic acid,
 3-bromo-7-(2,6-difluorophenyl)-6,7-dihydro-6-oxo- (CA INDEX NAME)



RN 1030833-78-3 CAPLUS
 CN Thieno[2,3-b]pyridine-6(7H)-one, 3-bromo-7-(2,6-difluorophenyl)-2-[[[(2R)-2-(
 hydroxymethyl)-1-pyrrolidinyl]carbonyl]- (CA INDEX NAME)

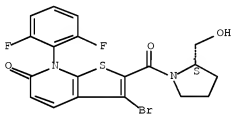
Absolute stereochemistry.



RN 1030833-80-7 CAPLUS

CN Thieno[2,3-b]pyridin-6(7H)-one, 3-bromo-7-(2,6-difluorophenyl)-2-[[(2S)-2-(hydroxymethyl)-1-pyrrolidinyl]carbonyl]- (CA INDEX NAME)

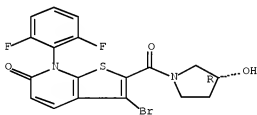
Absolute stereochemistry.



RN 1030833-82-9 CAPLUS

CN Thieno[2,3-b]pyridin-6(7H)-one, 3-bromo-7-(2,6-difluorophenyl)-2-[[(3R)-3-hydroxy-1-pyrrolidinyl]carbonyl]- (CA INDEX NAME)

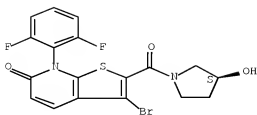
Absolute stereochemistry.



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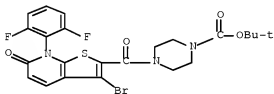
CN Thieno[2,3-b]pyridin-6(7H)-one, 3-bromo-7-(2,6-difluorophenyl)-2-[[(3S)-3-hydroxy-1-pyrrolidinyl]carbonyl]- (CA INDEX NAME)

Absolute stereochemistry.



RN 1030833-87-4 CAPLUS

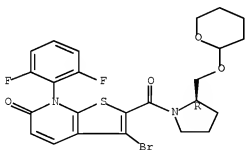
CN 1-Piperazinecarboxylic acid, 4-[[3-bromo-7-(2,6-difluorophenyl)-6,7-dihydro-6-oxothieno[2,3-b]pyridin-2-yl]carbonyl]-, 1,1-dimethylethyl ester
(CA INDEX NAME)



RN 1030833-89-6 CAPLUS

CN Thieno[2,3-b]pyridin-6(7H)-one, 3-bromo-7-(2,6-difluorophenyl)-2-[[[(2R)-2-[[[(tetrahydro-2H-pyran-2-yl)oxy]methyl]-1-pyrrolidinyl]carbonyl]-
(CA INDEX NAME)

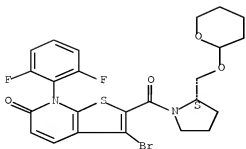
Absolute stereochemistry.



RN 1030833-91-0 CAPLUS

CN Thieno[2,3-b]pyridin-6(7H)-one, 3-bromo-7-(2,6-difluorophenyl)-2-[[[(2S)-2-[[[(tetrahydro-2H-pyran-2-yl)oxy]methyl]-1-pyrrolidinyl]carbonyl]-
(CA INDEX NAME)

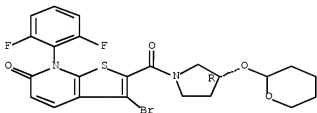
Absolute stereochemistry.



RN 1030833-93-2 CAPLUS

CN Thieno[2,3-b]pyridin-6(7H)-one, 3-bromo-7-(2,6-difluorophenyl)-2-[[(3R)-3-[(tetrahydro-2H-pyran-2-yl)oxy]-1-pyrrolidinyl]carbonyl]- (CA INDEX NAME)

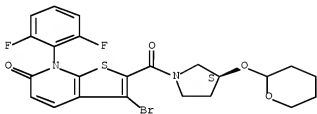
Absolute stereochemistry.



RN 1030833-94-3 CAPLUS

CN Thieno[2,3-b]pyridin-6(7H)-one, 3-bromo-7-(2,6-difluorophenyl)-2-[[(3S)-3-[(tetrahydro-2H-pyran-2-yl)oxy]-1-pyrrolidinyl]carbonyl]- (CA INDEX NAME)

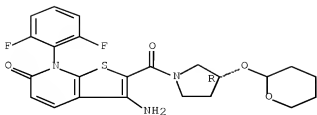
Absolute stereochemistry.



RN 1030833-95-4 CAPLUS

CN Thieno[2,3-b]pyridin-6(7H)-one, 3-amino-7-(2,6-difluorophenyl)-2-[[(3R)-3-[(tetrahydro-2H-pyran-2-yl)oxy]-1-pyrrolidinyl]carbonyl]- (CA INDEX NAME)

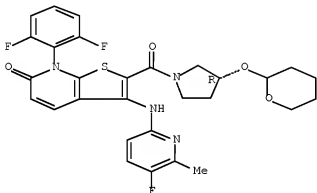
Absolute stereochemistry.



RN 1030833-96-5 CAPLUS

CN Thieno[2,3-b]pyridin-6(7H)-one, 7-(2,6-difluorophenyl)-3-[(5-fluoro-6-methyl-2-pyridinyl)amino]-2-[[{(3R)-3-[(tetrahydro-2H-pyran-2-yl)oxy]-1-pyrrolidinyl]carbonyl]- (CA INDEX NAME)

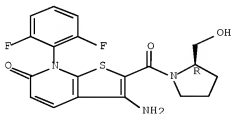
Absolute stereochemistry.



RN 1030833-97-6 CAPLUS

CN Thieno[2,3-b]pyridin-6(7H)-one, 3-amino-7-(2,6-difluorophenyl)-2-[[{(2R)-2-(hydroxymethyl)-1-pyrrolidinyl]carbonyl]- (CA INDEX NAME)

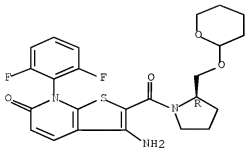
Absolute stereochemistry.



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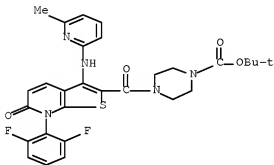
CN Thieno[2,3-b]pyridin-6(7H)-one, 3-amino-7-(2,6-difluorophenyl)-2-[[{(2R)-2-[(tetrahydro-2H-pyran-2-yl)oxy]methyl]-1-pyrrolidinyl]carbonyl]- (CA INDEX NAME)

Absolute stereochemistry.



RN 1030834-00-4 CAPLUS

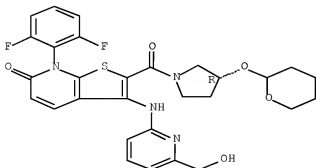
CN 1-Piperazinecarboxylic acid, 4-[[7-(2,6-difluorophenyl)-6,7-dihydro-3-[(6-methyl-2-pyridinyl)amino]-6-oxothieno[2,3-b]pyridin-2-yl]carbonyl]-, 1,1-dimethylethyl ester (CA INDEX NAME)



RN 1030834-01-5 CAPLUS

CN Thieno[2,3-b]pyridin-6(7H)-one, 7-(2,6-difluorophenyl)-3-[[6-(hydroxymethyl)-2-pyridinyl]amino]-2-[[[(3R)-3-[(tetrahydro-2H-pyran-2-yl)oxy]-1-pyrrolidinyl]carbonyl]- (CA INDEX NAME)

Absolute stereochemistry.



IT 1030833-99-8P

RL: PRPH (Prophetic); RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(prophetic intermediate; preparation of aminothienopyridinone derivs. as

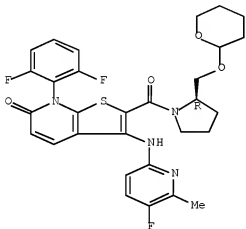
p38

MAP kinase inhibitors useful in the treatment of diseases)

RN 1030833-99-8 CAPLUS

CN Thieno[2,3-b]pyridin-6(7H)-one, 7-(2,6-difluorophenyl)-3-[(5-fluoro-6-methyl-2-pyridinyl)amino]-2-[[[(2R)-2-[(tetrahydro-2H-pyran-2-yl)oxy]methyl]-1-pyrrolidinyl]carbonyl]- (CA INDEX NAME)

Absolute stereochemistry.



L6 ANSWER 2 OF 8 CAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 2005:409526 CAPLUS [Full-text](#)

DOCUMENT NUMBER: 142:463710

TITLE: Preparation of thieno[2,3-b]pyridinone derivatives as kinase, especially p38 MAP kinase, inhibitors useful in the treatment of and/or prevention of immune or inflammatory disorders

INVENTOR(S): Alexander, Rikki Peter; Davis, Jeremy Martin; Hutchings, Martin Clive; Laing, Victoria Elizabeth; Trevitt, Graham Peter

PATENT ASSIGNEE(S): Celltech R & D Limited, UK

SOURCE: PCT Int. Appl., 181 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

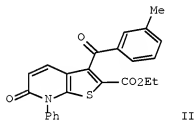
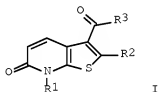
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005042540	A1	20050512	WO 2004-GB4490	20041022
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LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI,
 NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY,
 TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW
 RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM,
 AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK,
 EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE,
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 SN, TD, TG

AU 2004285752	A1	20050512	AU 2004-285752	20041022
CA 2540881	A1	20050512	CA 2004-2540881	20041022
EP 1680429	A1	20060719	EP 2004-769004	20041022
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, PL, SK, HR				
JP 2007509123	T	20070412	JP 2006-536178	20041022
US 20070078131	A1	20070405	US 2006-576731	20060420
PRIORITY APPLN. INFO.:			GB 2003-24902	A 20031024
			GB 2003-29490	A 20031219
			GB 2004-2918	A 20040210
			GB 2004-16934	A 20040729
			WO 2004-GB4490	W 20041022

OTHER SOURCE(S): MARPAT 142:463710
 GI



AB Title compds. I [wherein R1 = (un)substituted (C3-7 cycloalkyl)methyl, hetero/aryl; R2 = H, NO2, CN, CO2H and derivs., NH2 and derivs., etc.; R3 = (un)substituted hetero/aryl; and their pharmaceutically acceptable salts] were prepared as p38 MAP kinase inhibitors for treating and/or preventing immune or inflammatory disorders. For example, II was prepared by reacting Et 3-bromo-6-oxo-7-phenyl-6,7-dihydrothieno[2,3-b]pyridine-2-carboxylate (preparation given) with 3-methylbenzaldehyde and oxidation with MnO2. I are potent inhibitors of p38 MAP kinase (IC50 around 2 μ M and below), especially p38 α kinase.

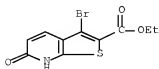
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639481-50-8P, Ethyl 3-bromo-7-(cyclopropylmethyl)-6-oxo-6,7-dihydrothieno[2,3-b]pyridine-2-carboxylate 660398-63-0P, Ethyl 3-[hydroxy(phenyl)methyl]-6-oxo-7-phenyl-6,7-dihydrothieno[2,3-b]pyridine-2-carboxylate 660398-64-1P, Ethyl 3-[(hydroxy)(6-methylpyridin-2-yl)methyl]-6-oxo-7-phenyl-6,7-dihydrothieno[2,3-b]pyridine-2-carboxylate 660398-65-2P, Ethyl 3-[(hydroxy)(3-methylphenyl)methyl]-6-oxo-7-phenyl-6,7-dihydrothieno[2,3-b]pyridine-2-carboxylate 660398-66-5P, Ethyl 7-(cyclopropylmethyl)-3-[(hydroxy)(phenyl)methyl]-6-oxo-6,7-dihydrothieno[2,3-b]pyridine-2-carboxylate 660398-72-1P, Ethyl 3-[(3-chlorophenyl)(hydroxy)methyl]-6-oxo-7-phenyl-6,7-dihydrothieno[2,3-b]pyridine-2-carboxylate 816424-64-3P, Ethyl 3-bromo-7-(4-methylphenyl)-6-oxo-6,7-dihydrothieno[2,3-b]pyridine-2-carboxylate 851747-26-7P, Ethyl 3-[(4-fluoro-3-methylphenyl)(hydroxy)methyl]-6-oxo-7-phenyl-6,7-dihydrothieno[2,3-b]pyridine-2-carboxylate 851747-33-6P, Ethyl 3-[(6-methylpyridin-2-yl)carbonyl]-6-oxo-7-phenyl-6,7-dihydrothieno[2,3-b]pyridine-2-carboxylate 851747-34-7P, 3-[(6-Methylpyridin-2-yl)carbonyl]-6-oxo-7-phenyl-6,7-dihydrothieno[2,3-b]pyridine-2-carboxylic acid 851747-40-5P, Ethyl 3-[(hydroxy)(3-trifluoromethylphenyl)methyl]-6-oxo-7-phenyl-6,7-dihydrothieno[2,3-b]pyridine-2-carboxylate 851747-41-6P, Ethyl 6-oxo-7-phenyl-3-[3-(trifluoromethyl)benzoyl]-6,7-dihydrothieno[2,3-b]pyridine-2-carboxylate 851747-42-7P, 6-Oxo-7-phenyl-3-[3-(trifluoromethyl)benzoyl]-6,7-dihydrothieno[2,3-b]pyridine-2-carboxylic acid 851747-51-6P, Ethyl 3-bromo-6-oxo-7-(pyridin-3-yl)-6,7-dihydrothieno[2,3-b]pyridine-2-carboxylate 851747-53-8P, Ethyl 3-[(hydroxy)(phenyl)methyl]-6-oxo-7-(pyridin-3-yl)-6,7-dihydrothieno[2,3-b]pyridine-2-carboxylate 851747-95-0P, Ethyl 3-benzoyl-6-oxo-7-(pyridin-3-yl)-6,7-dihydrothieno[2,3-b]pyridine-2-carboxylate 851748-00-0P, Ethyl 3-[(hydroxy)(phenyl)methyl]-7-(4-methylphenyl)-6-oxo-6,7-dihydrothieno[2,3-b]pyridine-2-carboxylate 851748-02-2P, Ethyl 3-benzoyl-7-(4-methylphenyl)-6-oxo-6,7-dihydrothieno[2,3-b]pyridine-2-carboxylate 851748-04-4P, 3-Benzoyl-7-(4-methylphenyl)-6-oxo-6,7-dihydrothieno[2,3-b]pyridine-2-carboxylic acid
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(intermediate; preparation of thienopyridinones as p38 MAP kinase inhibitors useful in the treatment of and/or prevention of immune or inflammatory disorders)

RN 514182-52-6 CAPLUS

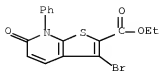
CN Thieno[2,3-b]pyridine-2-carboxylic acid, 3-bromo-6,7-dihydro-6-oxo-, ethyl ester (CA INDEX NAME)



RN 514182-57-1 CAPLUS

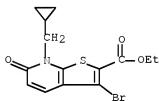
CN Thieno[2,3-b]pyridine-2-carboxylic acid,

3-bromo-6,7-dihydro-6-oxo-7-phenyl-, ethyl ester (CA INDEX NAME)



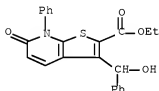
RN 639481-50-8 CAPLUS

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3-bromo-7-(cyclopropylmethyl)-6,7-dihydro-6-oxo-, ethyl ester (CA INDEX NAME)



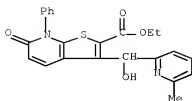
RN 660398-63-0 CAPLUS

CN Thieno[2,3-b]pyridine-2-carboxylic acid,
6,7-dihydro-3-(hydroxyphenylmethyl)-6-oxo-7-phenyl-, ethyl ester (CA INDEX NAME)



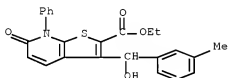
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CN Thieno[2,3-b]pyridine-2-carboxylic acid,
6,7-dihydro-3-[hydroxy(6-methyl-2-pyridinyl)methyl]-6-oxo-7-phenyl-, ethyl ester (CA INDEX NAME)



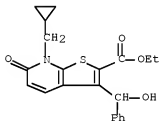
RN 660398-65-2 CAPLUS

CN Thieno[2,3-b]pyridine-2-carboxylic acid,
6,7-dihydro-3-[(hydroxy(3-methylphenyl)methyl)-6-oxo-7-phenyl-, ethyl ester
(CA INDEX NAME)



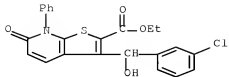
RN 660398-68-5 CAPLUS

CN Thieno[2,3-b]pyridine-2-carboxylic acid,
7-(cyclopropylmethyl)-6,7-dihydro-3-(hydroxyphenylmethyl)-6-oxo-, ethyl
ester (CA INDEX NAME)



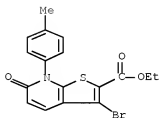
RN 660398-72-1 CAPLUS

CN Thieno[2,3-b]pyridine-2-carboxylic acid,
3-[(3-chlorophenyl)hydroxymethyl]-6,7-dihydro-6-oxo-7-phenyl-, ethyl ester
(CA INDEX NAME)



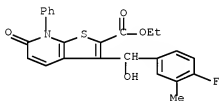
RN 816424-64-3 CAPLUS

CN Thieno[2,3-b]pyridine-2-carboxylic acid,
3-bromo-6,7-dihydro-7-(4-methylphenyl)-6-oxo-, ethyl ester (CA INDEX
NAME)



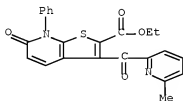
RN 851747-26-7 CAPLUS

CN Thieno[2,3-b]pyridine-2-carboxylic acid,
3-[(4-fluoro-3-methylphenyl)hydroxymethyl]-6,7-dihydro-6-oxo-7-phenyl-,
ethyl ester (CA INDEX NAME)



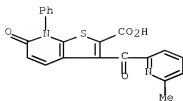
RN 851747-33-6 CAPLUS

CN Thieno[2,3-b]pyridine-2-carboxylic acid,
6,7-dihydro-3-[(6-methyl-2-pyridinyl)carbonyl]-6-oxo-7-phenyl-, ethyl
ester (CA INDEX NAME)



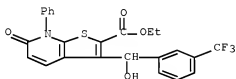
RN 851747-34-7 CAPLUS

CN Thieno[2,3-b]pyridine-2-carboxylic acid,
6,7-dihydro-3-[(6-methyl-2-pyridinyl)carbonyl]-6-oxo-7-phenyl- (CA INDEX
NAME)



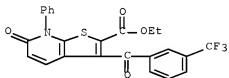
RN 851747-40-5 CAPLUS

CN Thieno[2,3-b]pyridine-2-carboxylic acid,
6,7-dihydro-3-[hydroxy[3-(trifluoromethyl)phenyl]methyl]-6-oxo-7-phenyl-,
ethyl ester (CA INDEX NAME)



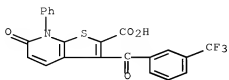
RN 851747-41-6 CAPLUS

CN Thieno[2,3-b]pyridine-2-carboxylic acid,
6,7-dihydro-6-oxo-7-phenyl-3-[3-(trifluoromethyl)benzoyl]-, ethyl ester
(CA INDEX NAME)



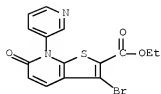
RN 851747-42-7 CAPLUS

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6,7-dihydro-6-oxo-7-phenyl-3-[3-(trifluoromethyl)benzoyl]- (CA INDEX
NAME)

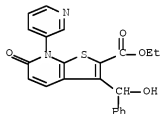


RN 851747-91-6 CAPLUS

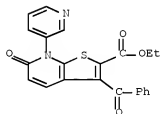
CN Thieno[2,3-b]pyridine-2-carboxylic acid,
3-bromo-6,7-dihydro-6-oxo-7-(3-pyridinyl)-, ethyl ester (CA INDEX NAME)



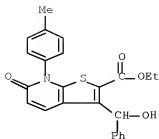
RN 851747-93-8 CAPLUS
CN Thieno[2,3-b]pyridine-2-carboxylic acid,
6,7-dihydro-3-(hydroxyphenylmethyl)-6-oxo-7-(3-pyridinyl)-, ethyl ester
(CA INDEX NAME)



RN 851747-95-0 CAPLUS
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3-benzoyl-6,7-dihydro-6-oxo-7-(3-pyridinyl)-, ethyl ester (CA INDEX NAME)

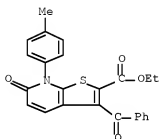


RN 851748-00-0 CAPLUS
CN Thieno[2,3-b]pyridine-2-carboxylic acid,
6,7-dihydro-3-(hydroxyphenylmethyl)-7-(4-methylphenyl)-6-oxo-, ethyl ester
(CA INDEX NAME)



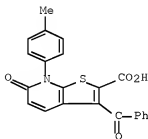
RN 851748-02-2 CAPLUS

CN Thieno[2,3-b]pyridine-2-carboxylic acid,
3-benzoyl-6,7-dihydro-7-(4-methylphenyl)-6-oxo-, ethyl ester (CA INDEX
NAME)



RN 851748-04-4 CAPLUS

CN Thieno[2,3-b]pyridine-2-carboxylic acid,
3-benzoyl-6,7-dihydro-7-(4-methylphenyl)-6-oxo- (CA INDEX NAME)



IT 851750-29-3P, Ethyl 3-(3-methylbenzoyl)-6-oxo-7-phenyl-6,7-
dihydrothieno[2,3-b]pyridine-2-carboxylate 851750-31-7P,
3-(3-Methylbenzoyl)-6-oxo-7-phenyl-6,7-dihydrothieno[2,3-b]pyridine-2-
carboxylic acid 851750-47-5P, Ethyl
3-benzoyl-6-oxo-7-phenyl-6,7-dihydrothieno[2,3-b]pyridine-2-carboxylate
851750-49-7P, 3-Benzoyl-6-oxo-7-phenyl-6,7-dihydrothieno[2,3-
b]pyridine-2-carboxylic acid 851751-02-5P, Ethyl
3-benzoyl-7-(cyclopropylmethyl)-6-oxo-6,7-dihydrothieno[2,3-b]pyridine-2-

carboxylate 851751-12-7F, Ethyl

3-(3-chlorobenzoyl)-6-oxo-7-phenyl-6,7-dihydrothieno[2,3-b]pyridine-2-carboxylate 851751-22-9F, Ethyl

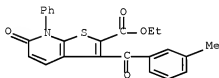
3-(4-fluoro-3-methylbenzoyl)-6-oxo-7-phenyl-6,7-dihydrothieno[2,3-b]pyridine-2-carboxylate

RL: PAC (Pharmacological activity); RCT (Reactant); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses)

(p38 α kinase inhibitor; preparation of thienopyridinones as p38 MAP kinase inhibitors useful in the treatment of and/or prevention of immune or inflammatory disorders)

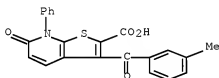
RN 851750-29-3 CAPLUS

CN Thieno[2,3-b]pyridine-2-carboxylic acid,
6,7-dihydro-3-(3-methylbenzoyl)-6-oxo-7-phenyl-, ethyl ester (CA INDEX NAME)



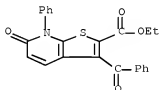
RN 851750-31-7 CAPLUS

CN Thieno[2,3-b]pyridine-2-carboxylic acid,
6,7-dihydro-3-(3-methylbenzoyl)-6-oxo-7-phenyl- (CA INDEX NAME)



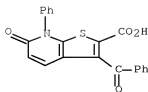
RN 851750-47-5 CAPLUS

CN Thieno[2,3-b]pyridine-2-carboxylic acid,
3-benzoyl-6,7-dihydro-6-oxo-7-phenyl-, ethyl ester (CA INDEX NAME)



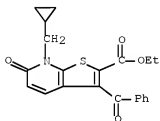
RN 851750-49-7 CAPLUS

CN Thieno[2,3-b]pyridine-2-carboxylic acid,
3-benzoyl-6,7-dihydro-6-oxo-7-phenyl- (CA INDEX NAME)



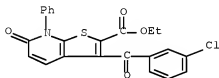
RN 851751-02-5 CAPLUS

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3-benzoyl-7-(cyclopropylmethyl)-6,7-dihydro-6-oxo-, ethyl ester (CA INDEX
NAME)



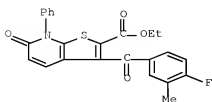
RN 851751-12-7 CAPLUS

CN Thieno[2,3-b]pyridine-2-carboxylic acid,
3-(3-chlorobenzoyl)-6,7-dihydro-6-oxo-7-phenyl-, ethyl ester (CA INDEX
NAME)



RN 851751-22-9 CAPLUS

CN Thieno[2,3-b]pyridine-2-carboxylic acid,
3-(4-fluoro-3-methylbenzoyl)-6,7-dihydro-6-oxo-7-phenyl-, ethyl ester (CA
INDEX NAME)



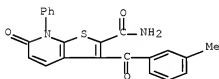
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RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(p38 α kinase inhibitor; preparation of thienopyridinones as p38 MAP kinase inhibitors useful in the treatment of and/or prevention of immune or inflammatory disorders)

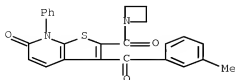
RN 851750-39-5 CAPLUS

CN Thieno[2,3-b]pyridine-2-carboxamide, 6,7-dihydro-3-(3-methylbenzoyl)-6-oxo-7-phenyl- (CA INDEX NAME)



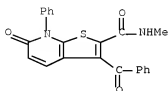
RN 851750-41-9 CAPLUS

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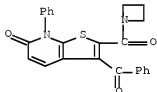
RN 851750-85-1 CAPLUS

CN Thieno[2,3-b]pyridine-2-carboxamide,
3-benzoyl-6,7-dihydro-N-methyl-6-oxo-7-phenyl- (CA INDEX NAME)



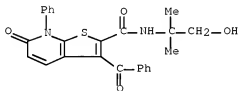
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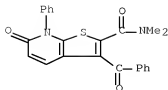
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CN Thieno[2,3-b]pyridine-2-carboxamide,
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RN 851750-91-9 CAPLUS

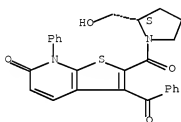
CN Thieno[2,3-b]pyridine-2-carboxamide,
3-benzoyl-6,7-dihydro-N,N-dimethyl-6-oxo-7-phenyl- (CA INDEX NAME)



RN 851750-93-1 CAPLUS

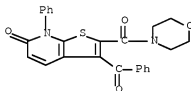
CN Thieno[2,3-b]pyridin-6(7H)-one, 3-benzoyl-2-[(2S)-2-(hydroxymethyl)-1-pyrrolidinyl]carbonyl-7-phenyl- (CA INDEX NAME)

Absolute stereochemistry.



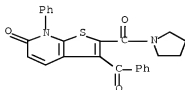
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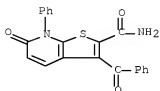
RN 851750-96-4 CAPLUS

CN Thieno[2,3-b]pyridin-6(7H)-one, 3-benzoyl-7-phenyl-2-(1-pyrrolidinylcarbonyl)- (CA INDEX NAME)



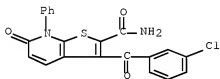
RN 851751-00-3 CAPLUS

CN Thieno[2,3-b]pyridine-2-carboxamide, 3-benzoyl-6,7-dihydro-6-oxo-7-phenyl-
(CA INDEX NAME)



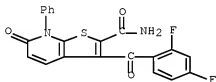
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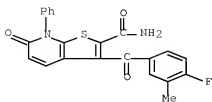
RN 851751-18-3 CAPLUS

CN Thieno[2,3-b]pyridine-2-carboxamide,
3-(2,4-difluorobenzoyl)-6,7-dihydro-6-oxo-7-phenyl- (CA INDEX NAME)

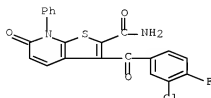


RN 851751-20-7 CAPLUS

CN Thieno[2,3-b]pyridine-2-carboxamide,
3-(4-fluoro-3-methylbenzoyl)-6,7-dihydro-6-oxo-7-phenyl- (CA INDEX NAME)



RN 851751-28-5 CAPLUS
 CN Thieno[2,3-b]pyridine-2-carboxamide,
 3-(3-chloro-4-fluorobenzoyl)-6,7-dihydro-6-oxo-7-phenyl- (CA INDEX NAME)



REFERENCE COUNT: 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 3 OF 8 CAPLUS COPYRIGHT 2008 ACS on STN
 ACCESSION NUMBER: 2004:1154722 CAPLUS Full-text
 DOCUMENT NUMBER: 142:93797
 TITLE: Process for preparing 3-aminothienopyridone derivatives and their applications to the synthesis of p38 MAP kinase inhibitors
 INVENTOR(S): Evans, Graham Robert; Smith, Ian Harold; Tremayne, Neil; Jones, Leighton; Langston, Marianne
 PATENT ASSIGNEE(S): Celltech R & D Limited, UK
 SOURCE: PCT Int. Appl., 56 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004113349	A1	20041229	WO 2004-GB2680	20040618
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW			
RW:	BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
AU 2004249507	A1	20041229	AU 2004-249507	20040618
CA 2528927	A1	20041229	CA 2004-2528927	20040618
EP 1638980	A1	20060329	EP 2004-743031	20040618
EP 1638980	B1	20081105		
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JP 2007516163	T	20070621	JP 2006-516465	20040618
US 20070191608	A1	20070816	US 2006-561051	20060608

PRIORITY APPLN. INFO.:

GB 2003-14493

A 20030620

GB 2003-29471

A 20031219

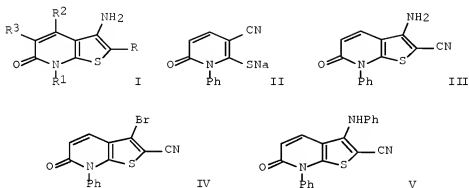
WO 2004-GB2680

W 20040618

OTHER SOURCE(S):

MARPAT 142:93797

GI

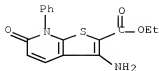


AB This invention provides a class of 3-amino-7H-thieno[2,3-b]pyridin-6-one derivs. I [wherein R = cyano, NO₂, CO₂Alk₂, C(O)alkyl, CONHHet₂; Alk₂ = (un)substituted alkyl or aryl; Het₂ = (un)substituted 4/5/6-membered heterocycloalkyl; R₁ = (un)substituted (hetero)aryl or (hetero)cycloalkyl; R₂, R₃ = H or a hydrogen atom precursor, or salts, solvates, hydrates, protected derivs. and N-oxides thereof], a process for their preps., and the use thereof as intermediates in the manufacture of certain p38 MAP kinase inhibitors. For example, 2-cyano-N-phenylthioacetamide was treated with N,N-dimethyluracil to give crude thiolate II containing about 20% ethanol, which was directly refluxed with chloroacetonitrile in acetonitrile for 2 h to afford amine III. This compound underwent diazotization and subsequent halide displacement with tert-butyl nitrite and CuBr₂, leading to bromide IV. Pd-catalyzed N-alkylation of III with bromobenzene or amination of IV with aniline yielded V. Conversion of this product to the corresponding carboxamide was realized by the hydrolysis of the cyano group in the presence of NaOH-H₂O-Ethanol system.

IT 639481-34-8P, 3-Amino-6-oxo-7-phenyl-6,7-dihydrothieno[2,3-b]pyridine-2-carboxylic acid ethyl ester 817177-51-8P, 3-Amino-7-phenyl-2-[(pyrrolidin-1-yl)carbonyl]-7H-thieno[2,3-b]pyridin-6-one 817177-53-0P 817177-54-1P 817177-55-2P, (S)-3-Amino-2-[(2-hydroxymethylpyrrolidin-1-yl)carbonyl]-7-phenyl-7H-thieno[2,3-b]pyridin-6-one 817177-58-5P, 3-Amino-2-(4-ethylpiperazin-1-ylcarbonyl)-7-phenyl-7H-thieno[2,3-b]pyridin-6-one 817177-53-6P, 3-Bromo-2-(4-ethylpiperazin-1-ylcarbonyl)-7-phenyl-7H-thieno[2,3-b]pyridin-6-one
 RL: IMF (Industrial manufacture); RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
 (process for preparing 3-aminothienopyridone derivs. and their applications to the synthesis of p38 MAP kinase inhibitors)

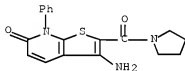
RN 639481-34-8 CAPLUS

CN Thieno[2,3-b]pyridine-2-carboxylic acid,
 3-amino-6,7-dihydro-6-oxo-7-phenyl-, ethyl ester (CA INDEX NAME)



RN 817177-51-8 CAPLUS

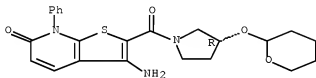
CN Thieno[2,3-b]pyridin-6(7H)-one, 3-amino-7-phenyl-2-(1-pyrrolidinylcarbonyl)- (CA INDEX NAME)



RN 817177-53-0 CAPLUS

CN Thieno[2,3-b]pyridin-6(7H)-one, 3-amino-7-phenyl-2-[(3R)-3-[(tetrahydro-2H-pyran-2-yl)oxy]-1-pyrrolidinyl]carbonyl)- (CA INDEX NAME)

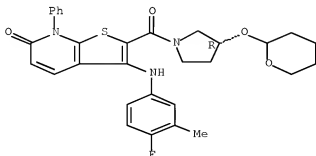
Absolute stereochemistry.



RN 817177-54-1 CAPLUS

CN Thieno[2,3-b]pyridin-6(7H)-one, 3-[(4-fluoro-3-methylphenyl)amino]-7-phenyl-2-[(3R)-3-[(tetrahydro-2H-pyran-2-yl)oxy]-1-pyrrolidinyl]carbonyl)- (CA INDEX NAME)

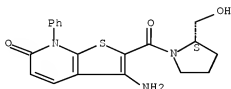
Absolute stereochemistry.



RN 817177-55-2 CAPLUS

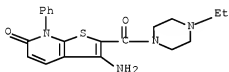
CN Thieno[2,3-b]pyridin-6(7H)-one, 3-amino-2-[(2S)-2-(hydroxymethyl)-1-pyrrolidinyl]carbonyl]-7-phenyl- (CA INDEX NAME)

Absolute stereochemistry.



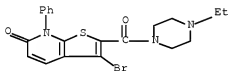
RN 817177-58-5 CAPLUS

CN Thieno[2,3-b]pyridin-6(7H)-one, 3-amino-2-[(4-ethyl-1-piperazinyl)carbonyl]-7-phenyl- (CA INDEX NAME)



RN 817177-59-6 CAPLUS

CN Thieno[2,3-b]pyridin-6(7H)-one, 3-bromo-2-[(4-ethyl-1-piperazinyl)carbonyl]-7-phenyl- (CA INDEX NAME)



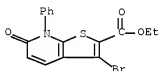
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b]pyridin-6-one 816424-17-6P,
 (S)-3-(4-Fluoro-3-methylphenylamino)-2-[(2-hydroxymethylpyrrolidin-1-yl)carbonyl]-7-phenyl-7H-thieno[2,3-b]pyridin-6-one 816424-21-2P,
 (R)-3-(4-Fluoro-3-methylphenylamino)-2-[(3-hydroxypyrrolidin-1-yl)carbonyl]-7-phenyl-7H-thieno[2,3-b]pyridin-6-one
 RL: IMF (Industrial manufacture); SPN (Synthetic preparation); PREP (Preparation)

(process for preparing 3-aminothienopyridone derivs. and their applications to the synthesis of p38 MAP kinase inhibitors)

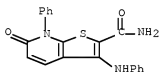
RN 514182-57-1 CAPLUS

CN Thieno[2,3-b]pyridine-2-carboxylic acid,
 3-bromo-6,7-dihydro-6-oxo-7-phenyl-, ethyl ester (CA INDEX NAME)



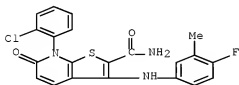
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CN Thieno[2,3-b]pyridine-2-carboxamide,
 6,7-dihydro-6-oxo-7-phenyl-3-(phenylamino)- (CA INDEX NAME)



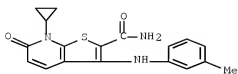
RN 639479-37-1 CAPLUS

CN Thieno[2,3-b]pyridine-2-carboxamide,
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 (CA INDEX NAME)



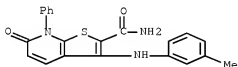
RN 639479-46-2 CAPLUS

CN Thieno[2,3-b]pyridine-2-carboxamide,
 7-cyclopropyl-6,7-dihydro-3-[(3-methylphenyl)amino]-6-oxo- (CA INDEX NAME)



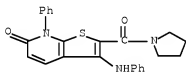
RN 639480-85-6 CAPLUS

CN Thieno[2,3-b]pyridine-2-carboxamide,
6,7-dihydro-3-[(3-methylphenyl)amino]-6-oxo-7-phenyl- (CA INDEX NAME)



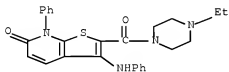
RN 639481-18-8 CAPLUS

CN Thieno[2,3-b]pyridin-6(7H)-one, 7-phenyl-3-(phenylamino)-2-(1-pyrrolidinylcarbonyl)- (CA INDEX NAME)



RN 639481-20-2 CAPLUS

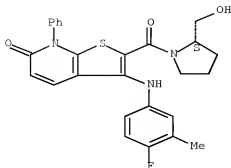
CN Thieno[2,3-b]pyridin-6(7H)-one, 2-[(4-ethyl-1-piperazinyl)carbonyl]-7-phenyl-3-(phenylamino)- (CA INDEX NAME)



RN 816424-17-6 CAPLUS

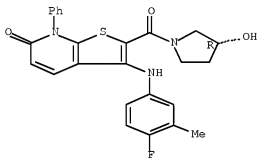
CN Thieno[2,3-b]pyridin-6(7H)-one, 3-[(4-fluoro-3-methylphenyl)amino]-2-[[[(2S)-2-(hydroxymethyl)-1-pyrrolidinyl]carbonyl]-7-phenyl- (CA INDEX NAME)

Absolute stereochemistry.



RN 816424-21-2 CAPLUS
 CN Thieno[2,3-b]pyridin-6(7H)-one, 3-[(4-fluoro-3-methylphenyl)amino]-2-[[(3R)-3-hydroxy-1-pyrrolidiny]carbonyl]-7-phenyl- (CA INDEX NAME)

Absolute stereochemistry.



REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

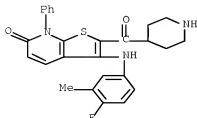
L6 ANSWER 4 OF 8 CAPLUS COPYRIGHT 2008 ACS on STN
 ACCESSION NUMBER: 2004:1154721 CAPLUS [Full-text](#)
 DOCUMENT NUMBER: 142:93796
 TITLE: Preparation of thienopyridone derivatives as p38 MAPK inhibitors
 INVENTOR(S): Brookings, Daniel Christopher; Davis, Jeremy Martin; Langham, Barry John
 PATENT ASSIGNEE(S): Celltech R & D Limited, UK
 SOURCE: PCT Int. Appl., 90 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004113348	A1	20041229	WO 2004-GB2644	20040618
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC,				

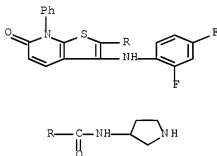
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 AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK,
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 CA 2528603 A1 20041229 CA 2004-2528603 20040618
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 JP 2007516162 T 20070621 JP 2006-516453 20040618
 US 20060247269 A1 20061102 US 2006-561050 20060629
 PRIORITY APPLN. INFO.: GB 2003-14490 A 20030620
 GB 2003-29495 A 20031219
 WO 2004-GB2644 W 20040618
 OTHER SOURCE(S): MARPAT 142:93796
 GI

* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

AB Title compds. I [wherein X = covalent bond, NH or N(alkyl); Y = C(O) or
 S(O)2; A = (CH2)q; B = (CH2)m; n = 0 or 1; m = 1-3; p = 0-4; q = 0-2; R =
 (un)substituted OH, alkoxy or amino; L = O, S, S(O), S(O)2 or CH2, CHR or CR2,
 NH or N(alkyl); ALK1 = alkylene; Cyl = (un)substituted (hetero)cycle or
 (hetero)aryl; Ar = (un)substituted (hetero)aryl; or salts, solvates, hydrates
 and N-oxides thereof] were prepared as p38 MAPK inhibitors. For example, II
 was synthesized in several steps from Et 3-bromo-6-oxo-7-phenyl-6,7-
 dihydrothieno[2,3-b]pyridine-2-carboxylate (preparation given), via amination
 with 2,4-difluoroaniline, ester hydrolysis, carboxy group activation with
 pentafluorophenol and coupling with cis-2-aminocyclopentanol hydrochloride.
 Example compds. had IC50 values of around 1 µM and below for human p38α
 kinase. Therefore, I and pharmaceutical compns. thereof are useful for the
 treatment and/or prevention of immune or inflammatory disorders.
 IT 816464-58-1P, 3-[(4-Fluoro-3-methylphenyl)amino]-7-phenyl-2-
 [(piperidin-4-yl)carbonyl]thieno[2,3-b]pyridin-6(7H)-one
 RL: PAC (Pharmacological activity); RCT (Reactant); SPN (Synthetic
 preparation); THU (Therapeutic use); BIOL (Biological study); PREP
 (Preparation); RACT (Reactant or reagent); USES (Uses)
 (inhibitor; preparation of thienopyridone derivs. as p38 MAPK inhibitors)
 RN 816464-58-1 CAPLUS
 CN Thieno[2,3-b]pyridin-6(7H)-one, 3-[(4-fluoro-3-methylphenyl)amino]-7-
 phenyl-2-(4-piperidinylcarbonyl)- (CA INDEX NAME)

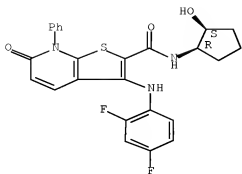


IT 539481-27-9P 816464-52-5P 816464-53-6P
 816464-54-7P, 3-[(2,4-Difluorophenyl)amino]-N-((1S,2S)-2-hydroxycyclopentyl)-6-oxo-7-phenyl-6,7-dihydrothieno[2,3-b]pyridine-2-carboxamide 816464-55-8P,
 3-[(2,4-Difluorophenyl)amino]-N-((1R,2R)-2-hydroxycyclopentyl)-6-oxo-7-phenyl-6,7-dihydrothieno[2,3-b]pyridine-2-carboxamide 816464-56-9P
 816464-57-0P, 3-Anilino-7-phenyl-2-(piperidin-4-ylcarbonyl)thieno[2,3-b]pyridin-6(7H)-one 816464-59-2P,
 N-(Azetidin-3-yl)-3-[(4-fluoro-3-methylphenyl)amino]-6-oxo-7-phenyl-6,7-dihydrothieno[2,3-b]pyridine-2-carboxamide 816464-60-5P
 816464-61-6P 816464-62-7P 816464-63-8P,
 3-[(2,4-Difluorophenyl)amino]-6-oxo-7-phenyl-N-(piperidin-4-yl)-6,7-dihydrothieno[2,3-b]pyridine-2-carboxamide 816464-64-9P,
 3-[(2,4-Difluorophenyl)amino]-N-(1-methylpiperidin-4-yl)-6-oxo-7-phenyl-6,7-dihydrothieno[2,3-b]pyridine-2-carboxamide 816464-65-0P,
 3-[(2,4-Difluorophenyl)amino]-7-phenyl-2-[(piperidin-4-yl)carbonyl]thieno[2,3-b]pyridin-6(7H)-one 816464-66-1P,
 3-[(6-Methylpyridin-2-yl)amino]-7-phenyl-2-[(piperidin-4-yl)carbonyl]thieno[2,3-b]pyridin-6(7H)-one 816464-67-2P,
 3-[(4-Fluoro-3-methylphenyl)amino]-2-[(1-methylpiperidin-4-yl)carbonyl]-7-phenylthieno[2,3-b]pyridin-6(7H)-one
 RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
 (inhibitor; preparation of thienopyridone derivs. as p38 MAPK inhibitors)
 RN 639481-27-9 CAPLUS
 CN Thieno[2,3-b]pyridine-2-carboxamide,
 3-[(2,4-difluorophenyl)amino]-6,7-dihydro-6-oxo-7-phenyl-N-3-pyrrolidinyl-
 (CA INDEX NAME)



RN 816464-52-5 CAPLUS
 CN Thieno[2,3-b]pyridine-2-carboxamide,
 3-[(2,4-difluorophenyl)amino]-6,7-dihydro-N-[(1R,2S)-2-hydroxycyclopentyl]-
 6-oxo-7-phenyl-, rel- (CA INDEX NAME)

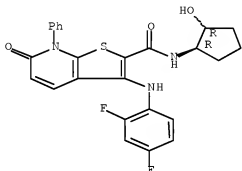
Relative stereochemistry.



RN 816464-53-6 CAPLUS

CN Thieno[2,3-b]pyridine-2-carboxamide,
3-[(2,4-difluorophenyl)amino]-6,7-dihydro-N-[(1R,2R)-2-hydroxycyclopentyl]-
6-oxo-7-phenyl-, rel- (CA INDEX NAME)

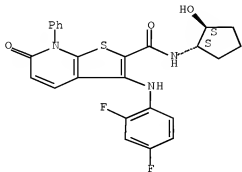
Relative stereochemistry.



RN 816464-54-7 CAPLUS

CN Thieno[2,3-b]pyridine-2-carboxamide,
3-[(2,4-difluorophenyl)amino]-6,7-dihydro-N-[(1S,2S)-2-hydroxycyclopentyl]-
6-oxo-7-phenyl- (CA INDEX NAME)

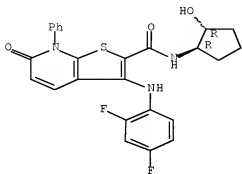
Absolute stereochemistry.



RN 816464-55-8 CAPLUS

CN Thieno[2,3-b]pyridine-2-carboxamide,
3-[(2,4-difluorophenyl)amino]-6,7-dihydro-N-[(1R,2R)-2-hydroxycyclopentyl]-
6-oxo-7-phenyl- (CA INDEX NAME)

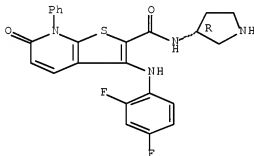
Absolute stereochemistry.



RN 816464-56-9 CAPLUS

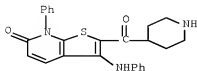
CN Thieno[2,3-b]pyridine-2-carboxamide,
3-[(2,4-difluorophenyl)amino]-6,7-dihydro-6-oxo-7-phenyl-N-(3R)-3-
pyrrolidinyl- (CA INDEX NAME)

Absolute stereochemistry.



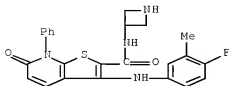
RN 816464-57-0 CAPLUS

CN Thieno[2,3-b]pyridin-6(7H)-one, 7-phenyl-3-(phenylamino)-2-(4-
piperidinyldicarbonyl)- (CA INDEX NAME)



RN 816464-59-2 CAPLUS

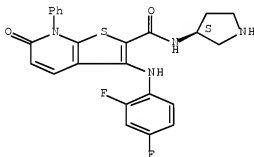
CN Thieno[2,3-b]pyridine-2-carboxamide,
N-3-azetidiny-3-[(4-fluoro-3-methylphenyl)amino]-6,7-dihydro-6-oxo-7-
phenyl- (CA INDEX NAME)



RN 816464-60-5 CAPLUS

CN Thieno[2,3-b]pyridine-2-carboxamide,
3-[(2,4-difluorophenyl)amino]-6,7-dihydro-6-oxo-7-phenyl-N-(3S)-3-
pyrrolidiny- (CA INDEX NAME)

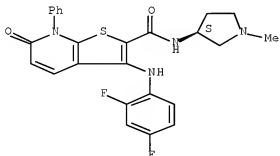
Absolute stereochemistry.



RN 816464-61-6 CAPLUS

CN Thieno[2,3-b]pyridine-2-carboxamide,
3-[(2,4-difluorophenyl)amino]-6,7-dihydro-N-[(3S)-1-methyl-3-pyrrolidiny]-
6-oxo-7-phenyl- (CA INDEX NAME)

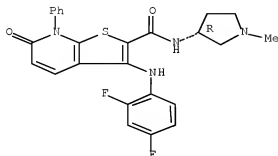
Absolute stereochemistry.



RN 816464-62-7 CAPLUS

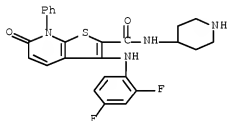
CN Thieno[2,3-b]pyridine-2-carboxamide,
3-[(2,4-difluorophenyl)amino]-6,7-dihydro-N-[(3R)-1-methyl-3-pyrrolidinyl]-
6-oxo-7-phenyl- (CA INDEX NAME)

Absolute stereochemistry.



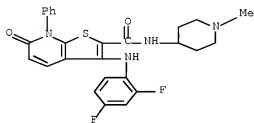
RN 816464-63-8 CAPLUS

CN Thieno[2,3-b]pyridine-2-carboxamide,
3-[(2,4-difluorophenyl)amino]-6,7-dihydro-6-oxo-7-phenyl-N-4-piperidinyl-
(CA INDEX NAME)



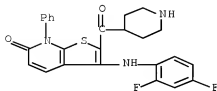
RN 816464-64-9 CAPLUS

CN Thieno[2,3-b]pyridine-2-carboxamide,
3-[(2,4-difluorophenyl)amino]-6,7-dihydro-N-(1-methyl-4-piperidinyl)-6-oxo-
7-phenyl- (CA INDEX NAME)



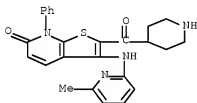
RN 816464-65-0 CAPLUS

CN Thieno[2,3-b]pyridin-6(7H)-one, 3-[(2,4-difluorophenyl)amino]-7-phenyl-2-(4-piperidinylcarbonyl)- (CA INDEX NAME)



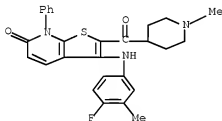
RN 816464-66-1 CAPLUS

CN Thieno[2,3-b]pyridin-6(7H)-one, 3-[(6-methyl-2-pyridinyl)amino]-7-phenyl-2-(4-piperidinylcarbonyl)- (CA INDEX NAME)



RN 816464-67-2 CAPLUS

CN Thieno[2,3-b]pyridin-6(7H)-one, 3-[(4-fluoro-3-methylphenyl)amino]-2-[(1-methyl-4-piperidinyl)carbonyl]-7-phenyl- (CA INDEX NAME)

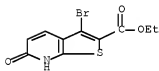


IT 514182-52-6P, Ethyl 3-bromo-6-oxo-6,7-dihydrothieno[2,3-b]pyridine-2-carboxylate 514182-57-1P, Ethyl 3-bromo-6-oxo-7-phenyl-6,7-dihydrothieno[2,3-b]pyridine-2-carboxylate 639479-24-6P, Ethyl 3-[(2,4-difluorophenyl)amino]-6-oxo-7-phenyl-6,7-dihydrothieno[2,3-b]pyridine-2-carboxylate 639482-82-3P, Pentafluorophenyl 3-[(2,4-difluorophenyl)amino]-6-oxo-7-phenyl-6,7-dihydrothieno[2,3-b]pyridine-2-carboxylate 639482-11-4P, Pentafluorophenyl 3-[(4-fluoro-3-methylphenyl)amino]-6-oxo-7-phenyl-6,7-dihydrothieno[2,3-b]pyridine-2-carboxylate 639482-17-8P, Benzyl 3-[[[3-[(2,4-difluorophenyl)amino]-6-oxo-7-phenyl-6,7-dihydrothieno[2,3-b]pyridin-2-yl]carbonyl]amino]pyrrolidine-1-carboxylate

639504-79-3P, Ethyl 3-[(4-fluoro-3-methylphenyl)amino]-6-oxo-7-phenyl-6,7-dihydrothieno[2,3-b]pyridine-2-carboxylate 816424-65-4P, Lithium 3-[(4-fluoro-3-methylphenyl)amino]-6-oxo-7-phenyl-6,7-dihydrothieno[2,3-b]pyridine-2-carboxylate 816424-66-5P, Lithium 3-[(2,4-difluorophenyl)amino]-6-oxo-7-phenyl-6,7-dihydrothieno[2,3-b]pyridine-2-carboxylate 816464-41-2P, Tert-Butyl (3R)-3-[[[3-[(2,4-difluorophenyl)amino]-6-oxo-7-phenyl-6,7-dihydrothieno[2,3-b]pyridin-2-yl]carbonyl]amino]pyrrolidine-1-carboxylate 816464-43-4P, 9H-Fluoren-9-ylmethyl 4-[[[3-amino-6-oxo-7-phenyl-6,7-dihydrothieno[2,3-b]pyridin-2-yl]carbonyl]piperidine-1-carboxylate 816464-44-5P, 9H-Fluoren-9-ylmethyl 4-[[[3-bromo-6-oxo-7-phenyl-6,7-dihydrothieno[2,3-b]pyridin-2-yl]carbonyl]piperidine-1-carboxylate 816464-45-6P, Tert-Butyl (3S)-3-[[[3-[(2,4-difluorophenyl)amino]-6-oxo-7-phenyl-6,7-dihydrothieno[2,3-b]pyridin-2-yl]carbonyl]amino]pyrrolidine-1-carboxylate 816464-46-7P, Tert-Butyl 4-[[[3-[(2,4-difluorophenyl)amino]-6-oxo-7-phenyl-6,7-dihydrothieno[2,3-b]pyridin-2-yl]carbonyl]amino]piperidine-1-carboxylate 816464-48-9P, Benzyl 4-[[[3-amino-6-oxo-7-phenyl-6,7-dihydrothieno[2,3-b]pyridin-2-yl]carbonyl]piperidine-1-carboxylate 816464-49-0P, Benzyl 4-[[[3-bromo-6-oxo-7-phenyl-6,7-dihydrothieno[2,3-b]pyridin-2-yl]carbonyl]piperidine-1-carboxylate 816464-50-3P, Benzyl 4-[[[3-[(2,4-difluorophenyl)amino]-6-oxo-7-phenyl-6,7-dihydrothieno[2,3-b]pyridin-2-yl]carbonyl]piperidine-1-carboxylate 816464-51-4P, Benzyl 4-[[[3-[(6-methylpyridin-2-yl)amino]-6-oxo-7-phenyl-6,7-dihydrothieno[2,3-b]pyridin-2-yl]carbonyl]piperidine-1-carboxylate
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
 (preparation of thienopyridone derivs. as p38 MAPK inhibitors)

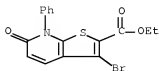
RN 514182-52-6 CAPLUS

CN Thieno[2,3-b]pyridine-2-carboxylic acid, 3-bromo-6,7-dihydro-6-oxo-, ethyl ester (CA INDEX NAME)



RN 514182-57-1 CAPLUS

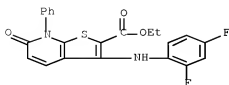
CN Thieno[2,3-b]pyridine-2-carboxylic acid, 3-bromo-6,7-dihydro-6-oxo-7-phenyl-, ethyl ester (CA INDEX NAME)



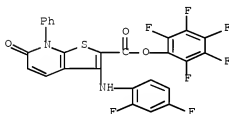
RN 639479-24-6 CAPLUS

CN Thieno[2,3-b]pyridine-2-carboxylic acid,

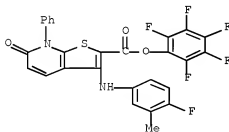
3-[(2,4-difluorophenyl)amino]-6,7-dihydro-6-oxo-7-phenyl-, ethyl ester
(CA INDEX NAME)



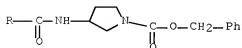
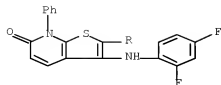
RN 639482-02-3 CAPLUS
CN Thieno[2,3-b]pyridine-2-carboxylic acid,
3-[(2,4-difluorophenyl)amino]-6,7-dihydro-6-oxo-7-phenyl-,
2,3,4,5,6-pentafluorophenyl ester (CA INDEX NAME)



RN 639482-11-4 CAPLUS
CN Thieno[2,3-b]pyridine-2-carboxylic acid,
3-[(4-fluoro-3-methylphenyl)amino]-6,7-dihydro-6-oxo-7-phenyl-,
2,3,4,5,6-pentafluorophenyl ester (CA INDEX NAME)

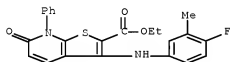


RN 639482-17-0 CAPLUS
CN 1-Pyrrolidinecarboxylic acid, 3-[[[3-[(2,4-difluorophenyl)amino]-6,7-dihydro-6-oxo-7-phenylthieno[2,3-b]pyridin-2-yl]carbonyl]amino]-, phenylmethyl ester (CA INDEX NAME)



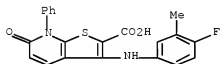
RN 639504-79-3 CAPLUS

CN Thieno[2,3-b]pyridine-2-carboxylic acid,
3-[(4-fluoro-3-methylphenyl)amino]-6,7-dihydro-6-oxo-7-phenyl-, ethyl
ester (CA INDEX NAME)



RN 816424-65-4 CAPLUS

CN Thieno[2,3-b]pyridine-2-carboxylic acid,
3-[(4-fluoro-3-methylphenyl)amino]-6,7-dihydro-6-oxo-7-phenyl-, lithium
salt (1:1) (CA INDEX NAME)

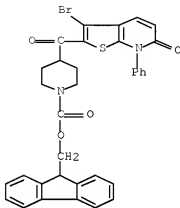


● Li

RN 816424-66-5 CAPLUS

CN Thieno[2,3-b]pyridine-2-carboxylic acid,
3-[(2,4-difluorophenyl)amino]-6,7-dihydro-6-oxo-7-phenyl-, lithium salt
(1:1) (CA INDEX NAME)

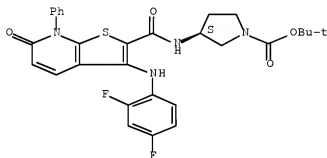
CN 1-Piperidinecarboxylic acid, 4-[(3-bromo-6,7-dihydro-6-oxo-7-phenylthieno[2,3-b]pyridin-2-yl)carbonyl]-, 9H-fluoren-9-ylmethyl ester
(CA INDEX NAME)



RN 816464-45-6 CAPLUS

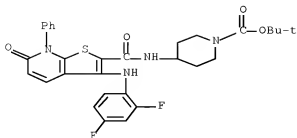
CN 1-Pyrrolidinecarboxylic acid, 3-[[[3-[(2,4-difluorophenyl)amino]-6,7-dihydro-6-oxo-7-phenylthieno[2,3-b]pyridin-2-yl]carbonyl]amino]-, 1,1-dimethylethyl ester, (3S)- (CA INDEX NAME)

Absolute stereochemistry.



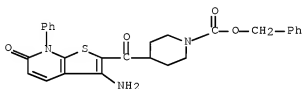
RN 816464-46-7 CAPLUS

CN 1-Piperidinecarboxylic acid, 4-[[[3-[(2,4-difluorophenyl)amino]-6,7-dihydro-6-oxo-7-phenylthieno[2,3-b]pyridin-2-yl]carbonyl]amino]-, 1,1-dimethylethyl ester (CA INDEX NAME)



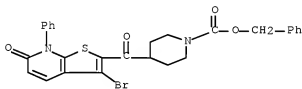
RN 816464-48-9 CAPLUS

CN 1-Piperidinecarboxylic acid, 4-[(3-amino-6,7-dihydro-6-oxo-7-phenylthieno[2,3-b]pyridin-2-yl)carbonyl]-, phenylmethyl ester (CA INDEX NAME)



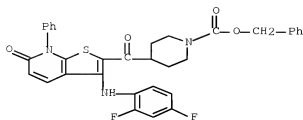
RN 816464-49-0 CAPLUS

CN 1-Piperidinecarboxylic acid, 4-[(3-bromo-6,7-dihydro-6-oxo-7-phenylthieno[2,3-b]pyridin-2-yl)carbonyl]-, phenylmethyl ester (CA INDEX NAME)

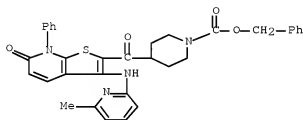


RN 816464-50-3 CAPLUS

CN 1-Piperidinecarboxylic acid, 4-[[3-[(2,4-difluorophenyl)amino]-6,7-dihydro-6-oxo-7-phenylthieno[2,3-b]pyridin-2-yl)carbonyl]-, phenylmethyl ester (CA INDEX NAME)



RN 816464-51-4 CAPLUS
 CN 1-Piperidinecarboxylic acid, 4-[[6,7-dihydro-3-[(6-methyl-2-pyridinyl)amino]-6-oxo-7-phenylthieno[2,3-b]pyridin-2-yl]carbonyl]-, phenylmethyl ester (CA INDEX NAME)



REFERENCE COUNT: 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 5 OF 8 CAPLUS COPYRIGHT 2008 ACS on STN
 ACCESSION NUMBER: 2004:1154720 CAPLUS [Full-text](#)
 DOCUMENT NUMBER: 142:93795
 TITLE: Preparation of thienopyridone derivatives as p38α kinase inhibitors
 INVENTOR(S): Brookings, Daniel Christopher; Davis, Jeremy Martin; Langham, Barry John
 PATENT ASSIGNEE(S): Celltech R & D Limited, UK
 SOURCE: PCT Int. Appl., 129 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004113347	A1	20041229	WO 2004-GB2621	20040618
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK,				

EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE,
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SN, TD, TG

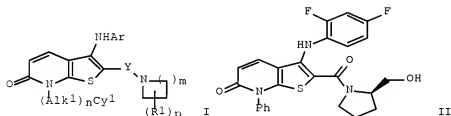
AU 2004249495	A1	20041229	AU 2004-249495	20040618
CA 2528602	A1	20041229	CA 2004-2528602	20040618
EP 1641804	A1	20060405	EP 2004-742976	20040618
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, PL, SK, HR				
BR 2004010653	A	20060704	BR 2004-10653	20040618
CN 1809575	A	20060726	CN 2004-80017320	20040618
JP 2007516161	T	20070621	JP 2006-516443	20040618
MX 2005PA13227	A	20060309	MX 2005-PA13227	20051206
IN 2005DN05823	A	20080201	IN 2005-DN5823	20051214
KR 2006021905	A	20060308	KR 2005-724352	20051219
NO 2006000279	A	20060320	NO 2006-279	20060119
US 20070099894	A1	20070503	US 2006-561052	20061010

PRIORITY APPLN. INFO.:

GB 2003-14492	A	20030620
GB 2003-29485	A	20031219
WO 2004-GB2621	W	20040618

OTHER SOURCE(S): CASREACT 142:93795; MARPAT 142:93795

GI



AB Title compds. I [Y = linking group CO, SO₂; n = 0-1; m, p = 1-4; R1 = OH, alkylene-OH, alkoxy, etc.; Alk1 = alkylene; Cyl = cycloaliph., aromatic, heteroarom., etc.; Ar = (un)substituted (hetero)aromatic, etc.] are prepared For instance, 3-Bromo-7-phenyl-2-[[(2R)-2-[[(tetrahydro-2H-pyran-2-yl)oxy)methyl]pyrrolidin-1-yl]carbonyl]thieno[2,3-b]pyridin-6(7H)-one (preparation given) is coupled to 2,4-difluoroaniline (PhMe, Cs₂CO₃, BINAP, Pd₂(dba)₃, reflux 48 h) and the resulting product deprotected with HCl to give II. All compds. inhibit p38 kinase with IC₅₀ of 1 μM or less. I are useful for the treatment and/or prevention of immune or inflammatory disorders.

IT 816423-93-5P 816423-94-6P 816423-95-7P
816423-96-8P 816423-97-9P 816423-98-0P
816423-99-1P 816424-00-7P 816424-01-8P
816424-02-9P 816424-03-0P 816424-04-1P
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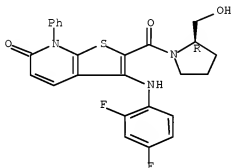
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of thienopyridone derivs. as p38 α kinase inhibitors)

RN 816423-93-5 CAPLUS

CN Thieno[2,3-b]pyridin-6(7H)-one, 3-[(2,4-difluorophenyl)amino]-2-[[(2R)-2-(hydroxymethyl)-1-pyrrolidinyl]carbonyl]-7-phenyl- (CA INDEX NAME)

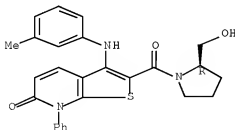
Absolute stereochemistry.



RN 816423-94-6 CAPLUS

CN Thieno[2,3-b]pyridin-6(7H)-one, 2-[[(2R)-2-(hydroxymethyl)-1-pyrrolidinyl]carbonyl]-3-[(3-methylphenyl)amino]-7-phenyl- (CA INDEX NAME)

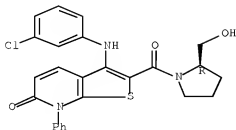
Absolute stereochemistry.



RN 816423-95-7 CAPLUS

CN Thieno[2,3-b]pyridin-6(7H)-one, 3-[(3-chlorophenyl)amino]-2-[[(2R)-2-(hydroxymethyl)-1-pyrrolidinyl]carbonyl]-7-phenyl- (CA INDEX NAME)

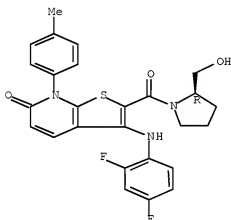
Absolute stereochemistry.



RN 816423-96-8 CAPLUS

CN Thieno[2,3-b]pyridin-6(7H)-one, 3-[(2,4-difluorophenyl)amino]-2-[[(2R)-2-(hydroxymethyl)-1-pyrrolidinyl]carbonyl]-7-(4-methylphenyl)- (CA INDEX NAME)

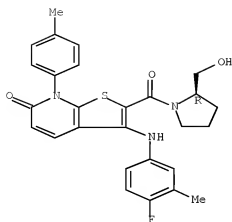
Absolute stereochemistry.



RN 816423-97-9 CAPLUS

CN Thieno[2,3-b]pyridin-6(7H)-one, 3-[(4-fluoro-3-methylphenyl)amino]-2-[[(2R)-2-(hydroxymethyl)-1-pyrrolidinyl]carbonyl]-7-(4-methylphenyl)- (CA INDEX NAME)

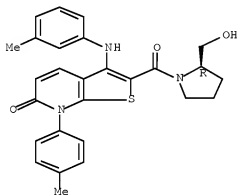
Absolute stereochemistry.



RN 816423-98-0 CAPLUS

CN Thieno[2,3-b]pyridin-6(7H)-one, 2-[[(2R)-2-(hydroxymethyl)-1-pyrrolidinyl]carbonyl]-7-(4-methylphenyl)-3-[(3-methylphenyl)amino]- (CA INDEX NAME)

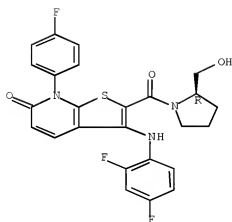
Absolute stereochemistry.



RN 816423-99-1 CAPLUS

CN Thieno[2,3-b]pyridin-6(7H)-one, 3-[(2,4-difluorophenyl)amino]-7-(4-fluorophenyl)-2-[[(2R)-2-(hydroxymethyl)-1-pyrrolidinyl]carbonyl]- (CA INDEX NAME)

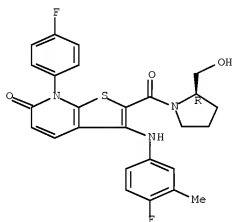
Absolute stereochemistry.



RN 816424-00-7 CAPLUS

CN Thieno[2,3-b]pyridin-6(7H)-one, 3-[(4-fluoro-3-methylphenyl)amino]-7-(4-fluorophenyl)-2-[[(2R)-2-(hydroxymethyl)-1-pyrrolidinyl]carbonyl]- (CA INDEX NAME)

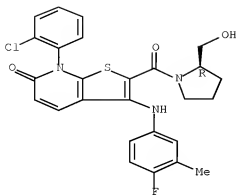
Absolute stereochemistry.



RN 816424-01-8 CAPLUS

CN Thieno[2,3-b]pyridin-6(7H)-one, 7-(2-chlorophenyl)-3-[(4-fluoro-3-methylphenyl)amino]-2-[[(2R)-2-(hydroxymethyl)-1-pyrrolidinyl]carbonyl]- (CA INDEX NAME)

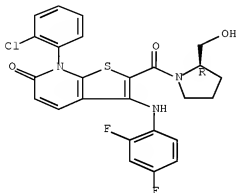
Absolute stereochemistry.



RN 816424-02-9 CAPLUS

CN Thieno[2,3-b]pyridin-6(7H)-one, 7-(2-chlorophenyl)-3-[(2,4-difluorophenyl)amino]-2-[[(2R)-2-(hydroxymethyl)-1-pyrrolidinyl]carbonyl]- (CA INDEX NAME)

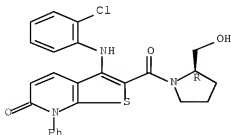
Absolute stereochemistry.



RN 816424-03-0 CAPLUS

CN Thieno[2,3-b]pyridin-6(7H)-one, 3-[(2-chlorophenyl)amino]-2-[[(2R)-2-(hydroxymethyl)-1-pyrrolidinyl]carbonyl]-7-phenyl- (CA INDEX NAME)

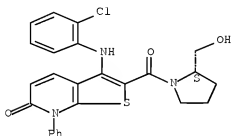
Absolute stereochemistry.



RN 816424-04-1 CAPLUS

CN Thieno[2,3-b]pyridin-6(7H)-one, 3-[(2-chlorophenyl)amino]-2-[[(2S)-2-(hydroxymethyl)-1-pyrrolidinyl]carbonyl]-7-phenyl- (CA INDEX NAME)

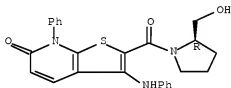
Absolute stereochemistry.



RN 816424-05-2 CAPLUS

CN Thieno[2,3-b]pyridin-6(7H)-one, 2-[[(2R)-2-(hydroxymethyl)-1-pyrrolidinyl]carbonyl]-7-phenyl-3-(phenylamino)- (CA INDEX NAME)

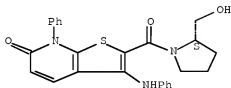
Absolute stereochemistry.



RN 816424-06-3 CAPLUS

CN Thieno[2,3-b]pyridin-6(7H)-one, 2-[[(2S)-2-(hydroxymethyl)-1-pyrrolidinyl]carbonyl]-7-phenyl-3-(phenylamino)- (CA INDEX NAME)

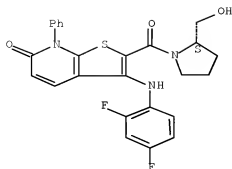
Absolute stereochemistry.



RN 816424-07-4 CAPLUS

CN Thieno[2,3-b]pyridin-6(7H)-one, 3-[(2,4-difluorophenyl)amino]-2-[[(2S)-2-(hydroxymethyl)-1-pyrrolidinyl]carbonyl]-7-phenyl- (CA INDEX NAME)

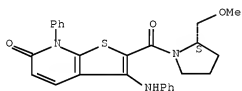
Absolute stereochemistry.



RN 816424-08-5 CAPLUS

CN Thieno[2,3-b]pyridin-6(7H)-one, 2-[[(2S)-2-(methoxymethyl)-1-pyrrolidinyl]carbonyl]-7-phenyl-3-(phenylamino)- (CA INDEX NAME)

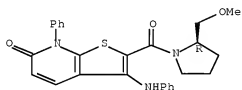
Absolute stereochemistry.



RN 816424-09-6 CAPLUS

CN Thieno[2,3-b]pyridin-6(7H)-one, 2-[[(2R)-2-(methoxymethyl)-1-pyrrolidinyl]carbonyl]-7-phenyl-3-(phenylamino)- (CA INDEX NAME)

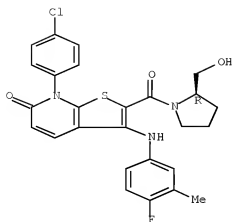
Absolute stereochemistry.



RN 816424-10-9 CAPLUS

CN Thieno[2,3-b]pyridin-6(7H)-one, 7-(4-chlorophenyl)-3-[(4-fluoro-3-methylphenyl)amino]-2-[[(2R)-2-(hydroxymethyl)-1-pyrrolidinyl]carbonyl]- (CA INDEX NAME)

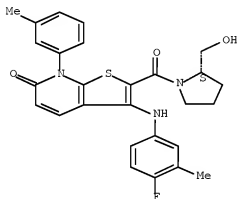
Absolute stereochemistry.



RN 816424-11-0 CAPLUS

CN Thieno[2,3-b]pyridin-6(7H)-one, 3-[(4-fluoro-3-methylphenyl)amino]-2-
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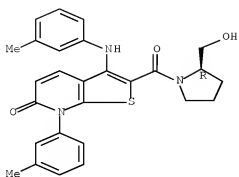
Absolute stereochemistry.



RN 816424-12-1 CAPLUS

CN Thieno[2,3-b]pyridin-6(7H)-one, 2-[[(2R)-2-(hydroxymethyl)-1-
pyrrolidinyl]carbonyl]-7-(3-methylphenyl)-3-[(3-methylphenyl)amino]- (CA
INDEX NAME)

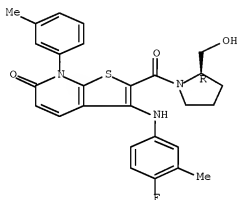
Absolute stereochemistry.



RN 816424-13-2 CAPLUS

CN Thieno[2,3-b]pyridin-6(7H)-one, 3-[(4-fluoro-3-methylphenyl)amino]-2-
[[(2R)-2-(hydroxymethyl)-1-pyrrolidinyl]carbonyl]-7-(3-methylphenyl)- (CA
INDEX NAME)

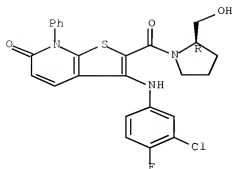
Absolute stereochemistry.



RN 816424-14-3 CAPLUS

CN Thieno[2,3-b]pyridin-6(7H)-one, 3-[(3-chloro-4-fluorophenyl)amino]-2-
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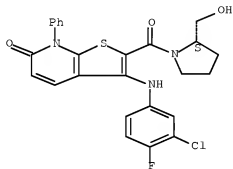
Absolute stereochemistry.



RN 816424-15-4 CAPLUS

CN Thieno[2,3-b]pyridin-6(7H)-one, 3-[(3-chloro-4-fluorophenyl)amino]-2-
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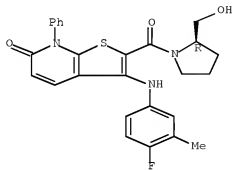
Absolute stereochemistry.



RN 816424-16-5 CAPLUS

CN Thieno[2,3-b]pyridin-6(7H)-one, 3-[(4-fluoro-3-methylphenyl)amino]-2-
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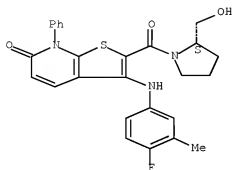
Absolute stereochemistry.



RN 816424-17-6 CAPLUS

CN Thieno[2,3-b]pyridin-6(7H)-one, 3-[(4-fluoro-3-methylphenyl)amino]-2-[[{(2S)-2-(hydroxymethyl)-1-pyrrolidinyl]carbonyl]-7-phenyl- (CA INDEX NAME)

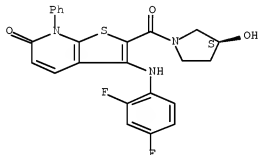
Absolute stereochemistry.



RN 816424-18-7 CAPLUS

CN Thieno[2,3-b]pyridin-6(7H)-one, 3-[(2,4-difluorophenyl)amino]-2-[[{(3S)-3-hydroxy-1-pyrrolidinyl]carbonyl]-7-phenyl- (CA INDEX NAME)

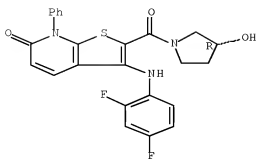
Absolute stereochemistry.



RN 816424-19-8 CAPLUS

CN Thieno[2,3-b]pyridin-6(7H)-one, 3-[(2,4-difluorophenyl)amino]-2-[[{(3R)-3-hydroxy-1-pyrrolidinyl]carbonyl]-7-phenyl- (CA INDEX NAME)

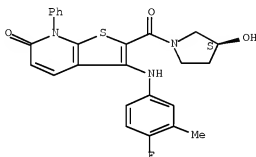
Absolute stereochemistry.



RN 816424-20-1 CAPLUS

CN Thieno[2,3-b]pyridin-6(7H)-one, 3-[(4-fluoro-3-methylphenyl)amino]-2-[[3-(3S)-3-hydroxy-1-pyrrolidinyl]carbonyl]-7-phenyl- (CA INDEX NAME)

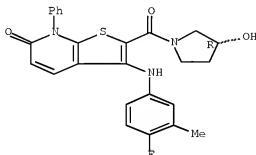
Absolute stereochemistry.



RN 816424-21-2 CAPLUS

CN Thieno[2,3-b]pyridin-6(7H)-one, 3-[(4-fluoro-3-methylphenyl)amino]-2-[[3-(3R)-3-hydroxy-1-pyrrolidinyl]carbonyl]-7-phenyl- (CA INDEX NAME)

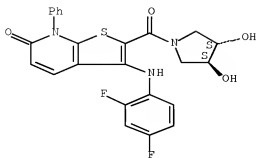
Absolute stereochemistry.



RN 816424-22-3 CAPLUS

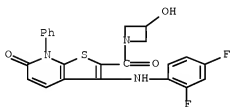
CN Thieno[2,3-b]pyridin-6(7H)-one, 3-[(2,4-difluorophenyl)amino]-2-[[3-(3S,4S)-3,4-dihydroxy-1-pyrrolidinyl]carbonyl]-7-phenyl- (CA INDEX NAME)

Absolute stereochemistry.



RN 816424-23-4 CAPLUS

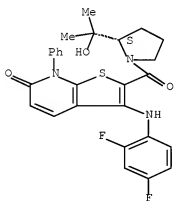
CN Thieno[2,3-b]pyridin-6(7H)-one, 3-[(2,4-difluorophenyl)amino]-2-[(3-hydroxy-1-azetidiny)carbonyl]-7-phenyl- (CA INDEX NAME)



RN 816424-24-5 CAPLUS

CN Thieno[2,3-b]pyridin-6(7H)-one, 3-[(2,4-difluorophenyl)amino]-2-[[2S)-2-(1-hydroxy-1-methylethyl)-1-pyrrolidinyl]carbonyl]-7-phenyl- (CA INDEX NAME)

Absolute stereochemistry.

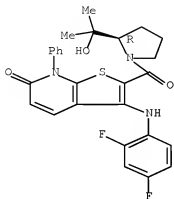


RN 816424-25-6 CAPLUS

CN Thieno[2,3-b]pyridin-6(7H)-one, 3-[(2,4-difluorophenyl)amino]-2-[[2R)-2-(1-hydroxy-1-methylethyl)-1-pyrrolidinyl]carbonyl]-7-phenyl- (CA INDEX NAME)

(1-hydroxy-1-methylethyl)-1-pyrrolidinyl]carbonyl]-7-phenyl- (CA INDEX NAME)

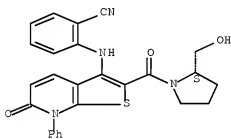
Absolute stereochemistry.



RN 816424-26-7 CAPLUS

CN Benzonitrile, 2-[[[6,7-dihydro-2-[[(2S)-2-(hydroxymethyl)-1-pyrrolidinyl]carbonyl]-6-oxo-7-phenylthieno[2,3-b]pyridin-3-yl]amino]- (CA INDEX NAME)

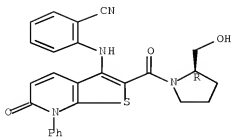
Absolute stereochemistry.



RN 816424-27-8 CAPLUS

CN Benzonitrile, 2-[[[6,7-dihydro-2-[[(2R)-2-(hydroxymethyl)-1-pyrrolidinyl]carbonyl]-6-oxo-7-phenylthieno[2,3-b]pyridin-3-yl]amino]- (CA INDEX NAME)

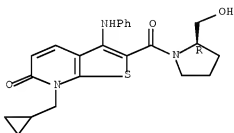
Absolute stereochemistry.



RN 816424-28-9 CAPLUS

CN Thieno[2,3-b]pyridin-6(7H)-one, 7-(cyclopropylmethyl)-2-[[(2R)-2-(hydroxymethyl)-1-pyrrolidinyl]carbonyl]-3-(phenylamino)- (CA INDEX NAME)

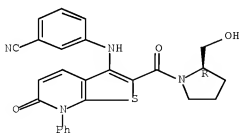
Absolute stereochemistry.



RN 816424-29-0 CAPLUS

CN Benzonitrile, 3-[[6,7-dihydro-2-[[(2R)-2-(hydroxymethyl)-1-pyrrolidinyl]carbonyl]-6-oxo-7-phenylthieno[2,3-b]pyridin-3-yl]amino]- (CA INDEX NAME)

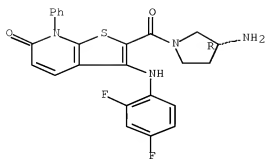
Absolute stereochemistry.



RN 816424-31-4 CAPLUS

CN Thieno[2,3-b]pyridin-6(7H)-one, 2-[[(3R)-3-amino-1-pyrrolidinyl]carbonyl]-3-[[(2,4-difluorophenyl)amino]-7-phenyl]- (CA INDEX NAME)

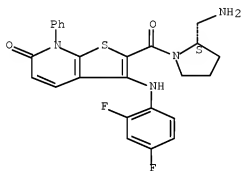
Absolute stereochemistry.



RN 816424-32-5 CAPLUS

CN Thieno[2,3-b]pyridin-6(7H)-one, 2-[[(2S)-2-(aminomethyl)-1-pyrrolidinyl]carbonyl]-3-[(2,4-difluorophenyl)amino]-7-phenyl- (CA INDEX NAME)

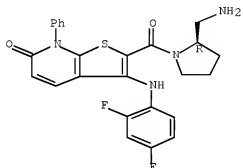
Absolute stereochemistry.



RN 816424-33-6 CAPLUS

CN Thieno[2,3-b]pyridin-6(7H)-one, 2-[[(2R)-2-(aminomethyl)-1-pyrrolidinyl]carbonyl]-3-[(2,4-difluorophenyl)amino]-7-phenyl- (CA INDEX NAME)

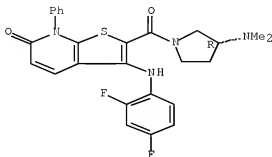
Absolute stereochemistry.



RN 816424-34-7 CAPLUS

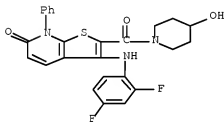
CN Thieno[2,3-b]pyridin-6(7H)-one, 3-[(2,4-difluorophenyl)amino]-2-[(3R)-3-(dimethylamino)-1-pyrrolidinyl]carbonyl]-7-phenyl- (CA INDEX NAME)

Absolute stereochemistry.



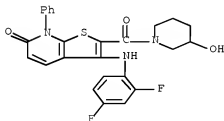
RN 816424-35-8 CAPLUS

CN Thieno[2,3-b]pyridin-6(7H)-one, 3-[(2,4-difluorophenyl)amino]-2-[(4-hydroxy-1-piperidinyl)carbonyl]-7-phenyl- (CA INDEX NAME)



RN 816424-36-9 CAPLUS

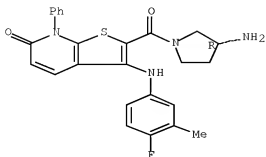
CN Thieno[2,3-b]pyridin-6(7H)-one, 3-[(2,4-difluorophenyl)amino]-2-[(3-hydroxy-1-piperidinyl)carbonyl]-7-phenyl- (CA INDEX NAME)



RN 816424-37-0 CAPLUS

CN Thieno[2,3-b]pyridin-6(7H)-one, 2-[(3R)-3-amino-1-pyrrolidinyl]carbonyl]-3-[(4-fluoro-3-methylphenyl)amino]-7-phenyl- (CA INDEX NAME)

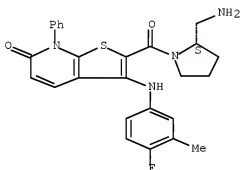
Absolute stereochemistry.



RN 816424-38-1 CAPLUS

CN Thieno[2,3-b]pyridin-6(7H)-one, 2-[[(2S)-2-(aminomethyl)-1-pyrrolidinyl]carbonyl]-3-[(4-fluoro-3-methylphenyl)amino]-7-phenyl- (CA INDEX NAME)

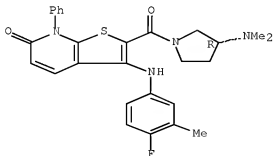
Absolute stereochemistry.



RN 816424-39-2 CAPLUS

CN Thieno[2,3-b]pyridin-6(7H)-one, 2-[[(3R)-3-(dimethylamino)-1-pyrrolidinyl]carbonyl]-3-[(4-fluoro-3-methylphenyl)amino]-7-phenyl- (CA INDEX NAME)

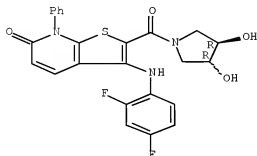
Absolute stereochemistry.



RN 816424-40-5 CAPLUS

CN Thieno[2,3-b]pyridin-6(7H)-one, 3-[(2,4-difluorophenyl)amino]-2-[[[(3R,4R)-3,4-dihydroxy-1-pyrrolidinyl]carbonyl]-7-phenyl- (CA INDEX NAME)

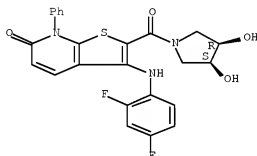
Absolute stereochemistry.



RN 816424-41-6 CAPLUS

CN Thieno[2,3-b]pyridin-6(7H)-one, 3-[(2,4-difluorophenyl)amino]-2-[[[(3R,4S)-3,4-dihydroxy-1-pyrrolidinyl]carbonyl]-7-phenyl-, rel- (CA INDEX NAME)

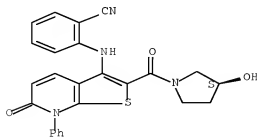
Relative stereochemistry.



RN 816424-42-7 CAPLUS

CN Benzonitrile, 2-[[[6,7-dihydro-2-[[[(3S)-3-hydroxy-1-pyrrolidinyl]carbonyl]-6-oxo-7-phenylthieno[2,3-b]pyridin-3-yl]amino]- (CA INDEX NAME)

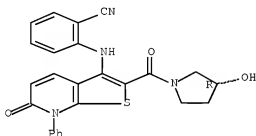
Absolute stereochemistry.



RN 816424-43-8 CAPLUS

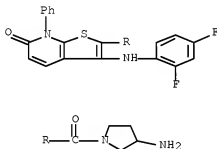
CN Benzonitrile, 2-[[6,7-dihydro-2-[[[(3R)-3-hydroxy-1-pyrrolidinyl]carbonyl]-6-oxo-7-phenylthieno[2,3-b]pyridin-3-yl]amino]- (CA INDEX NAME)

Absolute stereochemistry.



RN 816424-44-9 CAPLUS

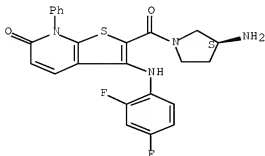
CN Thieno[2,3-b]pyridin-6(7H)-one, 2-[(3-amino-1-pyrrolidinyl)carbonyl]-3-[(2,4-difluorophenyl)amino]-7-phenyl- (CA INDEX NAME)



RN 816424-45-0 CAPLUS

CN Thieno[2,3-b]pyridin-6(7H)-one, 2-[[[(3S)-3-amino-1-pyrrolidinyl]carbonyl]-3-[(2,4-difluorophenyl)amino]-7-phenyl- (CA INDEX NAME)

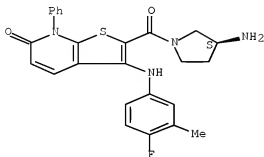
Absolute stereochemistry.



RN 816424-46-1 CAPLUS

CN Thieno[2,3-b]pyridin-6(7H)-one, 2-[[(3S)-3-amino-1-pyrrolidinyl]carbonyl]-3-[(4-fluoro-3-methylphenyl)amino]-7-phenyl- (CA INDEX NAME)

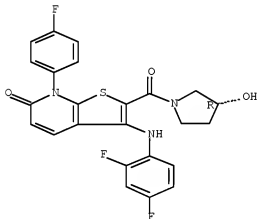
Absolute stereochemistry.



RN 816424-47-2 CAPLUS

CN Thieno[2,3-b]pyridin-6(7H)-one, 3-[(2,4-difluorophenyl)amino]-7-(4-fluorophenyl)-2-[[(3R)-3-hydroxy-1-pyrrolidinyl]carbonyl]- (CA INDEX NAME)

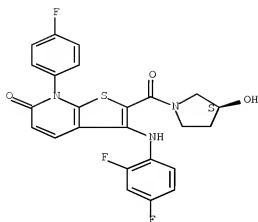
Absolute stereochemistry.



RN 816424-48-3 CAPLUS

CN Thieno[2,3-b]pyridin-6(7H)-one, 3-[(2,4-difluorophenyl)amino]-7-(4-fluorophenyl)-2-[[(3S)-3-hydroxy-1-pyrrolidinyl]carbonyl]- (CA INDEX NAME)

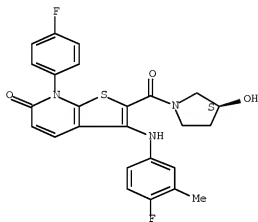
Absolute stereochemistry.



RN 816424-49-4 CAPLUS

CN Thieno[2,3-b]pyridin-6(7H)-one, 3-[(4-fluoro-3-methylphenyl)amino]-7-(4-fluorophenyl)-2-[[(3S)-3-hydroxy-1-pyrrolidinyl]carbonyl]- (CA INDEX NAME)

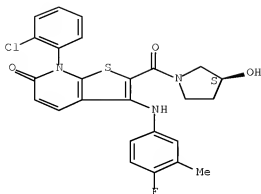
Absolute stereochemistry.



RN 816424-50-7 CAPLUS

CN Thieno[2,3-b]pyridin-6(7H)-one, 7-(2-chlorophenyl)-3-[(4-fluoro-3-methylphenyl)amino]-2-[[(3S)-3-hydroxy-1-pyrrolidinyl]carbonyl]- (CA INDEX NAME)

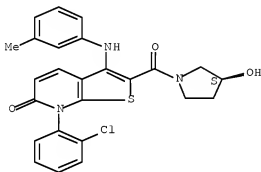
Absolute stereochemistry.



RN 816424-51-8 CAPLUS

CN Thieno[2,3-b]pyridin-6(7H)-one, 7-(2-chlorophenyl)-2-[(3S)-3-hydroxy-1-pyrrolidinyl]carbonyl-3-[(3-methylphenyl)amino]- (CA INDEX NAME)

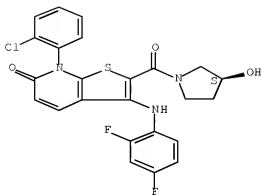
Absolute stereochemistry.



RN 816424-52-9 CAPLUS

CN Thieno[2,3-b]pyridin-6(7H)-one, 7-(2-chlorophenyl)-3-[(2,4-difluorophenyl)amino]-2-[(3S)-3-hydroxy-1-pyrrolidinyl]carbonyl- (CA INDEX NAME)

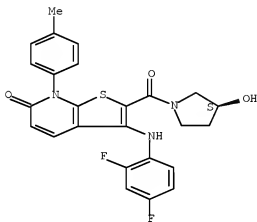
Absolute stereochemistry.



RN 816424-53-0 CAPLUS

CN Thieno[2,3-b]pyridin-6(7H)-one, 3-[(2,4-difluorophenyl)amino]-2-[[(3S)-3-hydroxy-1-pyrrolidinyl]carbonyl]-7-(4-methylphenyl)- (CA INDEX NAME)

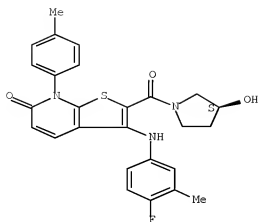
Absolute stereochemistry.



RN 816424-54-1 CAPLUS

CN Thieno[2,3-b]pyridin-6(7H)-one, 3-[(4-fluoro-3-methylphenyl)amino]-2-[[(3S)-3-hydroxy-1-pyrrolidinyl]carbonyl]-7-(4-methylphenyl)- (CA INDEX NAME)

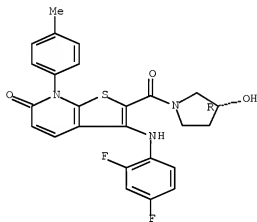
Absolute stereochemistry.



RN 816424-55-2 CAPLUS

CN Thieno[2,3-b]pyridin-6(7H)-one, 3-[(2,4-difluorophenyl)amino]-2-[[(3R)-3-hydroxy-1-pyrrolidinyl]carbonyl]-7-(4-methylphenyl)- (CA INDEX NAME)

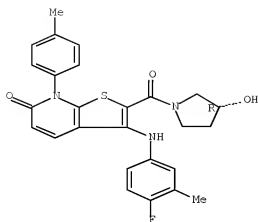
Absolute stereochemistry.



RN 816424-56-3 CAPLUS

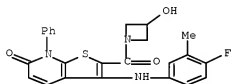
CN Thieno[2,3-b]pyridin-6(7H)-one, 3-[(4-fluoro-3-methylphenyl)amino]-2-[[(3R)-3-hydroxy-1-pyrrolidinyl]carbonyl]-7-(4-methylphenyl)- (CA INDEX NAME)

Absolute stereochemistry.



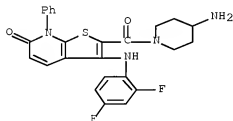
RN 816424-57-4 CAPLUS

CN Thieno[2,3-b]pyridin-6(7H)-one, 3-[(4-fluoro-3-methylphenyl)amino]-2-[(3-hydroxy-1-azetidinyl)carbonyl]-7-phenyl- (CA INDEX NAME)



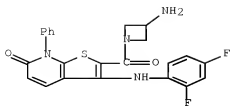
RN 816424-58-5 CAPLUS

CN Thieno[2,3-b]pyridin-6(7H)-one, 2-[(4-amino-1-piperidinyl)carbonyl]-3-[(2,4-difluorophenyl)amino]-7-phenyl- (CA INDEX NAME)



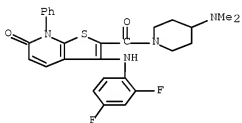
RN 816424-59-6 CAPLUS

CN Thieno[2,3-b]pyridin-6(7H)-one, 2-[(3-amino-1-azetidinyl)carbonyl]-3-[(2,4-difluorophenyl)amino]-7-phenyl- (CA INDEX NAME)



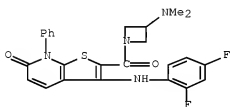
RN 816424-60-9 CAPLUS

CN Thieno[2,3-b]pyridin-6(7H)-one, 3-[(2,4-difluorophenyl)amino]-2-[[4-(dimethylamino)-1-piperidinyl]carbonyl]-7-phenyl- (CA INDEX NAME)



RN 816424-61-0 CAPLUS

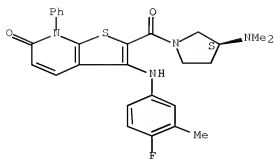
CN Thieno[2,3-b]pyridin-6(7H)-one, 3-[(2,4-difluorophenyl)amino]-2-[[3-(dimethylamino)-1-azetidinyl]carbonyl]-7-phenyl- (CA INDEX NAME)



RN 816424-62-1 CAPLUS

CN Thieno[2,3-b]pyridin-6(7H)-one, 2-[[[(3S)-3-(dimethylamino)-1-pyrrolidinyl]carbonyl]-3-[(4-fluoro-3-methylphenyl)amino]-7-phenyl- (CA INDEX NAME)

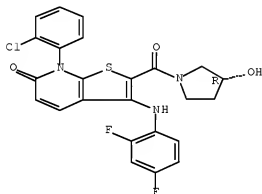
Absolute stereochemistry.



RN 816424-63-2 CAPLUS

CN Thieno[2,3-b]pyridin-6(7H)-one, 7-(2-chlorophenyl)-3-[(2,4-difluorophenyl)amino]-2-[[(3R)-3-hydroxy-1-pyrrolidinyl]carbonyl]- (CA INDEX NAME)

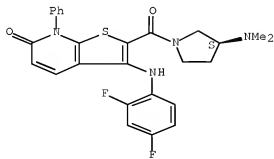
Absolute stereochemistry.



RN 816426-21-8 CAPLUS

CN Thieno[2,3-b]pyridin-6(7H)-one, 3-[(2,4-difluorophenyl)amino]-2-[[(3S)-3-(dimethylamino)-1-pyrrolidinyl]carbonyl]-7-phenyl- (CA INDEX NAME)

Absolute stereochemistry.



IT 514182-53-6P, Ethyl 3-bromo-6-oxo-6,7-dihydrothieno[2,3-b]pyridine-2-carboxylate 514182-57-1P, Ethyl 3-bromo-6-oxo-7-phenyl-6,7-dihydrothieno[2,3-b]pyridine-2-carboxylate 639479-12-3P, Ethyl 3-anilino-6-oxo-7-phenyl-6,7-dihydrothieno[2,3-b]pyridine-2-carboxylate 639479-14-4P, Ethyl 3-[(2-chlorophenyl)amino]-6-oxo-7-phenyl-6,7-dihydrothieno[2,3-b]pyridine-2-carboxylate 639479-21-3P, Ethyl 3-[(3-cyanophenyl)amino]-6-oxo-7-phenyl-6,7-dihydrothieno[2,3-b]pyridine-2-carboxylate 639479-22-4P, Ethyl 3-[(2-cyanophenyl)amino]-6-oxo-7-phenyl-6,7-dihydrothieno[2,3-b]pyridine-2-carboxylate 639479-24-6P, Ethyl 3-[(2,4-difluorophenyl)amino]-6-oxo-7-phenyl-6,7-dihydrothieno[2,3-b]pyridine-2-carboxylate 639479-26-8P 639479-59-7P, Ethyl 3-anilino-7-(cyclopropylmethyl)-6-oxo-6,7-dihydrothieno[2,3-b]pyridine-2-carboxylate 639480-45-8P, Ethyl 3-[(3-chloro-4-fluorophenyl)amino]-6-oxo-7-phenyl-6,7-dihydrothieno[2,3-b]pyridine-2-carboxylate 639480-49-2P, Ethyl 3-[(4-fluoro-3-methylphenyl)amino]-6-oxo-7-(4-chlorophenyl)-6,7-dihydrothieno[2,3-b]pyridine-2-carboxylate 639480-50-5P, Ethyl 3-[(4-fluoro-3-methylphenyl)amino]-6-oxo-7-(3-methylphenyl)-6,7-dihydrothieno[2,3-b]pyridine-2-carboxylate 639480-51-6P, Ethyl 3-[(3-methylphenyl)amino]-6-oxo-7-(3-methylphenyl)-6,7-dihydrothieno[2,3-b]pyridine-2-carboxylate 639481-50-8P, Ethyl 3-bromo-7-(cyclopropylmethyl)-6-oxo-6,7-dihydrothieno[2,3-b]pyridine-2-carboxylate 639481-92-8P, Ethyl 3-bromo-7-(4-fluorophenyl)-6-oxo-6,7-dihydrothieno[2,3-b]pyridine-2-carboxylate 639481-93-9P, Ethyl 3-bromo-7-(4-chlorophenyl)-6-oxo-6,7-dihydrothieno[2,3-b]pyridine-2-carboxylate 639481-94-0P, Ethyl 3-bromo-7-(3-methylphenyl)-6-oxo-6,7-dihydrothieno[2,3-b]pyridine-2-carboxylate 639482-02-3P 639482-11-4P 639504-79-3P, Ethyl 3-[(4-fluoro-3-methylphenyl)amino]-6-oxo-7-phenyl-6,7-dihydrothieno[2,3-b]pyridine-2-carboxylate 660398-73-2P, 3-Bromo-6-oxo-7-phenyl-6,7-dihydrothieno[2,3-b]pyridine-2-carboxylic acid 816424-64-3P, Ethyl 3-bromo-7-(4-methylphenyl)-6-oxo-6,7-dihydrothieno[2,3-b]pyridine-2-carboxylate 816424-65-4P 816424-66-5P 816424-67-6P 816424-68-7P 816424-69-8P 816424-70-1P 816424-71-2P, 3-Bromo-7-(4-methylphenyl)-6-oxo-6,7-dihydrothieno[2,3-b]pyridine-2-carboxylic acid 816424-72-3P, 3-Bromo-7-(4-fluorophenyl)-6-oxo-6,7-dihydrothieno[2,3-b]pyridine-2-carboxylic acid 816424-73-4P 816424-74-5P 816424-75-6P 816424-76-7P 816424-77-8P 816424-78-9P 816424-79-0P 816424-80-3P 816424-81-4P 816424-82-5P 816424-83-6P 816424-84-7P 816424-85-9P 816424-86-9P 816424-87-0P, 3-Bromo-7-(2-chlorophenyl)-6-oxo-6,7-dihydrothieno[2,3-b]pyridine-2-carboxylic acid 816424-88-1P 816424-89-2P 816424-90-5P 816424-91-6P 816424-93-8P, Sodium 3-[(2-chlorophenyl)amino]-6-oxo-7-phenyl-6,7-dihydrothieno[2,3-b]pyridine-2-carboxylate 816424-94-9P 816424-95-0P 816424-96-1P 816424-97-2P, Pentafluorophenyl 3-[(2-cyanophenyl)amino]-6-oxo-7-phenyl-6,7-dihydrothieno[2,3-b]pyridine-2-carboxylate 816424-98-3P, 3-Bromo-7-(4-fluorophenyl)-6-oxo-6,7-dihydrothieno[2,3-b]pyridine-2-carboxyl chloride 816424-99-4P 816425-00-0P 816425-01-1P 816425-02-2P 816425-03-3P 816425-04-4P 816425-05-5P 816425-06-6P 816425-07-7P 816425-08-6P 816425-09-9P

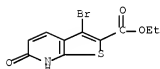
816425-10-2P 816425-11-3P 816425-13-5P
 816425-14-6P 816425-15-7P 816425-16-8P
 816425-17-9P 816425-18-0P 816425-19-1P
 816425-20-4P 816425-21-5P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT
 (Reactant or reagent)

(preparation of thienopyridone derivs. as p38 α kinase inhibitors)

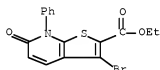
RN 514182-52-6 CAPLUS

CN Thieno[2,3-b]pyridine-2-carboxylic acid, 3-bromo-6,7-dihydro-6-oxo-, ethyl
 ester (CA INDEX NAME)



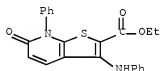
RN 514182-57-1 CAPLUS

CN Thieno[2,3-b]pyridine-2-carboxylic acid,
 3-bromo-6,7-dihydro-6-oxo-7-phenyl-, ethyl ester (CA INDEX NAME)



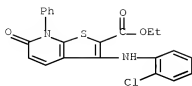
RN 639479-13-3 CAPLUS

CN Thieno[2,3-b]pyridine-2-carboxylic acid,
 6,7-dihydro-6-oxo-7-phenyl-3-(phenylamino)-, ethyl ester (CA INDEX NAME)

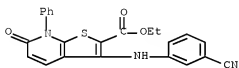


RN 639479-14-4 CAPLUS

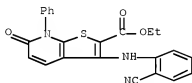
CN Thieno[2,3-b]pyridine-2-carboxylic acid,
 3-[(2-chlorophenyl)amino]-6,7-dihydro-6-oxo-7-phenyl-, ethyl ester (CA
 INDEX NAME)



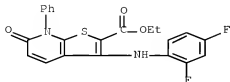
RN 639479-21-3 CAPLUS
 CN Thieno[2,3-b]pyridine-2-carboxylic acid,
 3-[(3-cyanophenyl)amino]-6,7-dihydro-6-oxo-7-phenyl-, ethyl ester (CA
 INDEX NAME)



RN 639479-22-4 CAPLUS
 CN Thieno[2,3-b]pyridine-2-carboxylic acid,
 3-[(2-cyanophenyl)amino]-6,7-dihydro-6-oxo-7-phenyl-, ethyl ester (CA
 INDEX NAME)

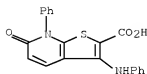


RN 639479-24-6 CAPLUS
 CN Thieno[2,3-b]pyridine-2-carboxylic acid,
 3-[(2,4-difluorophenyl)amino]-6,7-dihydro-6-oxo-7-phenyl-, ethyl ester
 (CA INDEX NAME)



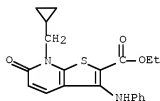
RN 639479-26-8 CAPLUS

CN Thieno[2,3-b]pyridine-2-carboxylic acid,
6,7-dihydro-6-oxo-7-phenyl-3-(phenylamino)-, ammonium salt (1:1) (CA
INDEX NAME)



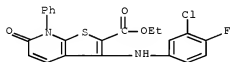
RN 639479-59-7 CAPLUS

CN Thieno[2,3-b]pyridine-2-carboxylic acid,
7-(cyclopropylmethyl)-6,7-dihydro-6-oxo-3-(phenylamino)-, ethyl ester (CA
INDEX NAME)



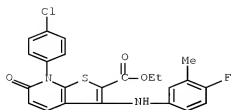
RN 639480-45-8 CAPLUS

CN Thieno[2,3-b]pyridine-2-carboxylic acid,
3-[(3-chloro-4-fluorophenyl)amino]-6,7-dihydro-6-oxo-7-phenyl-, ethyl
ester (CA INDEX NAME)



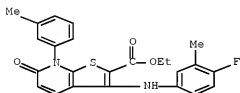
RN 639480-49-2 CAPLUS

CN Thieno[2,3-b]pyridine-2-carboxylic acid,
7-(4-chlorophenyl)-3-[(4-fluoro-3-methylphenyl)amino]-6,7-dihydro-6-oxo-,
ethyl ester (CA INDEX NAME)



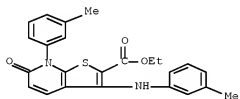
RN 639480-50-5 CAPLUS

CN Thieno[2,3-b]pyridine-2-carboxylic acid,
3-[(4-fluoro-3-methylphenyl)amino]-6,7-dihydro-7-(3-methylphenyl)-6-oxo-,
ethyl ester (CA INDEX NAME)



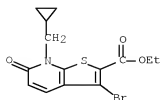
RN 639480-51-6 CAPLUS

CN Thieno[2,3-b]pyridine-2-carboxylic acid,
6,7-dihydro-7-(3-methylphenyl)-3-[(3-methylphenyl)amino]-6-oxo-, ethyl
ester (CA INDEX NAME)



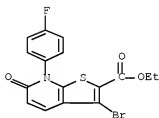
RN 639481-50-8 CAPLUS

CN Thieno[2,3-b]pyridine-2-carboxylic acid,
3-bromo-7-(cyclopropylmethyl)-6,7-dihydro-6-oxo-, ethyl ester (CA INDEX
NAME)



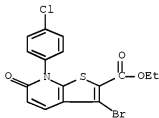
RN 639481-92-8 CAPLUS

CN Thieno[2,3-b]pyridine-2-carboxylic acid,
3-bromo-7-(4-fluorophenyl)-6,7-dihydro-6-oxo-, ethyl ester (CA INDEX
NAME)



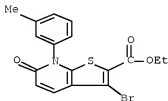
RN 639481-93-9 CAPLUS

CN Thieno[2,3-b]pyridine-2-carboxylic acid,
3-bromo-7-(4-chlorophenyl)-6,7-dihydro-6-oxo-, ethyl ester (CA INDEX
NAME)



RN 639481-94-0 CAPLUS

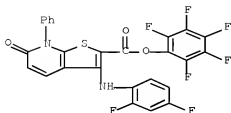
CN Thieno[2,3-b]pyridine-2-carboxylic acid,
3-bromo-6,7-dihydro-7-(3-methylphenyl)-6-oxo-, ethyl ester (CA INDEX
NAME)



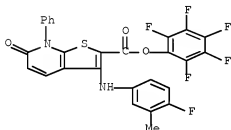
RN 639482-02-3 CAPLUS

CN Thieno[2,3-b]pyridine-2-carboxylic acid,

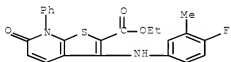
3-[(2,4-difluorophenyl)amino]-6,7-dihydro-6-oxo-7-phenyl-,
2,3,4,5,6-pentafluorophenyl ester (CA INDEX NAME)



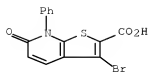
RN 639482-11-4 CAPLUS
CN Thieno[2,3-b]pyridine-2-carboxylic acid,
3-[(4-fluoro-3-methylphenyl)amino]-6,7-dihydro-6-oxo-7-phenyl-,
2,3,4,5,6-pentafluorophenyl ester (CA INDEX NAME)



RN 639504-79-3 CAPLUS
CN Thieno[2,3-b]pyridine-2-carboxylic acid,
3-[(4-fluoro-3-methylphenyl)amino]-6,7-dihydro-6-oxo-7-phenyl-, ethyl
ester (CA INDEX NAME)

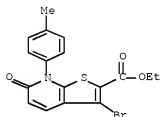


RN 660398-73-2 CAPLUS
CN Thieno[2,3-b]pyridine-2-carboxylic acid,
3-bromo-6,7-dihydro-6-oxo-7-phenyl- (CA INDEX NAME)



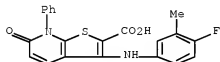
RN 816424-64-3 CAPLUS

CN Thieno[2,3-b]pyridine-2-carboxylic acid,
3-bromo-6,7-dihydro-7-(4-methylphenyl)-6-oxo-, ethyl ester (CA INDEX
NAME)



RN 816424-65-4 CAPLUS

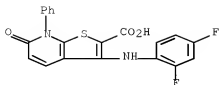
CN Thieno[2,3-b]pyridine-2-carboxylic acid,
3-[(4-fluoro-3-methylphenyl)amino]-6,7-dihydro-6-oxo-7-phenyl-, lithium
salt (1:1) (CA INDEX NAME)



● Li

RN 816424-66-5 CAPLUS

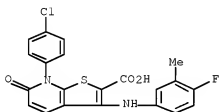
CN Thieno[2,3-b]pyridine-2-carboxylic acid,
3-[(2,4-difluorophenyl)amino]-6,7-dihydro-6-oxo-7-phenyl-, lithium salt
(1:1) (CA INDEX NAME)



● Li

RN 816424-67-6 CAPLUS

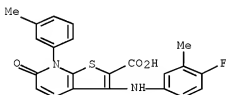
CN Thieno[2,3-b]pyridine-2-carboxylic acid,
7-(4-chlorophenyl)-3-[(4-fluoro-3-methylphenyl)amino]-6,7-dihydro-6-oxo-,
sodium salt (1:1) (CA INDEX NAME)



● Na

RN 816424-68-7 CAPLUS

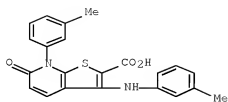
CN Thieno[2,3-b]pyridine-2-carboxylic acid,
3-[(4-fluoro-3-methylphenyl)amino]-6,7-dihydro-7-(3-methylphenyl)-6-oxo-,
sodium salt (1:1) (CA INDEX NAME)



● Na

RN 816424-69-8 CAPLUS

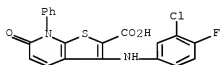
CN Thieno[2,3-b]pyridine-2-carboxylic acid,
6,7-dihydro-7-(3-methylphenyl)-3-[(3-methylphenyl)amino]-6-oxo-, sodium
salt (1:1) (CA INDEX NAME)



● Na

RN 816424-70-1 CAPLUS

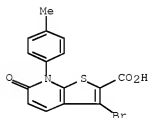
CN Thieno[2,3-b]pyridine-2-carboxylic acid,
3-[(3-chloro-4-fluorophenyl)amino]-6,7-dihydro-6-oxo-7-phenyl-, sodium
salt (1:1) (CA INDEX NAME)



● Na

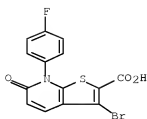
RN 816424-71-2 CAPLUS

CN Thieno[2,3-b]pyridine-2-carboxylic acid,
3-bromo-6,7-dihydro-7-(4-methylphenyl)-6-oxo- (CA INDEX NAME)



RN 816424-72-3 CAPLUS

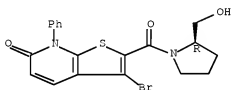
CN Thieno[2,3-b]pyridine-2-carboxylic acid,
3-bromo-7-(4-fluorophenyl)-6,7-dihydro-6-oxo- (CA INDEX NAME)



RN 816424-73-4 CAPLUS

CN Thieno[2,3-b]pyridin-6(7H)-one, 3-bromo-2-[(2R)-2-(hydroxymethyl)-1-pyrrolidinyl]carbonyl]-7-phenyl- (CA INDEX NAME)

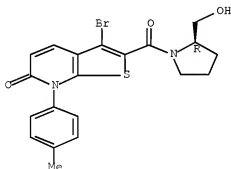
Absolute stereochemistry.



RN 816424-74-5 CAPLUS

CN Thieno[2,3-b]pyridin-6(7H)-one, 3-bromo-2-[(2R)-2-(hydroxymethyl)-1-pyrrolidinyl]carbonyl]-7-(4-methylphenyl)- (CA INDEX NAME)

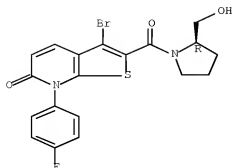
Absolute stereochemistry.



RN 816424-75-6 CAPLUS

CN Thieno[2,3-b]pyridin-6(7H)-one, 3-bromo-7-(4-fluorophenyl)-2-[(2R)-2-(hydroxymethyl)-1-pyrrolidinyl]carbonyl]- (CA INDEX NAME)

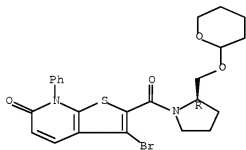
Absolute stereochemistry.



RN 816424-76-7 CAPLUS

CN Thieno[2,3-b]pyridin-6(7H)-one, 3-bromo-7-phenyl-2-[(2R)-2-[(tetrahydro-2H-pyran-2-yl)oxy]methyl]-1-pyrrolidinyl]carbonyl]- (CA INDEX NAME)

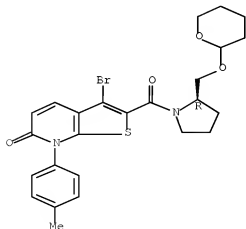
Absolute stereochemistry.



RN 816424-77-8 CAPLUS

CN Thieno[2,3-b]pyridin-6(7H)-one, 3-bromo-7-(4-methylphenyl)-2-[(2R)-2-[(tetrahydro-2H-pyran-2-yl)oxy]methyl]-1-pyrrolidinyl]carbonyl]- (CA INDEX NAME)

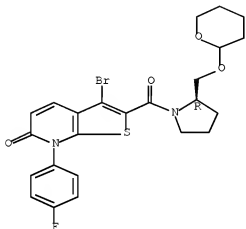
Absolute stereochemistry.



RN 816424-78-9 CAPLUS

CN Thieno[2,3-b]pyridin-6(7H)-one, 3-bromo-7-(4-fluorophenyl)-2-[[(2R)-2-[[(tetrahydro-2H-pyran-2-yl)oxy]methyl]-1-pyrrolidinyl]carbonyl]- (CA INDEX NAME)

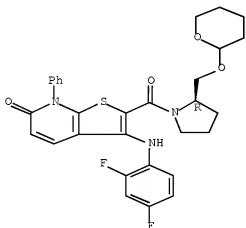
Absolute stereochemistry.



RN 816424-79-0 CAPLUS

CN Thieno[2,3-b]pyridin-6(7H)-one, 3-[(2,4-difluorophenyl)amino]-7-phenyl-2-[[(2R)-2-[[(tetrahydro-2H-pyran-2-yl)oxy]methyl]-1-pyrrolidinyl]carbonyl]- (CA INDEX NAME)

Absolute stereochemistry.

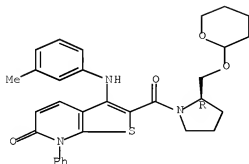


RN 816424-80-3 CAPLUS

CN Thieno[2,3-b]pyridin-6(7H)-one, 3-[(3-methylphenyl)amino]-7-phenyl-2-[[(2R)-2-[[(tetrahydro-2H-pyran-2-yl)oxy]methyl]-1-pyrrolidinyl]carbonyl]-

(CA INDEX NAME)

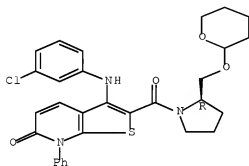
Absolute stereochemistry.



RN 816424-81-4 CAPLUS

CN Thieno[2,3-b]pyridin-6(7H)-one, 3-[(3-chlorophenyl)amino]-7-phenyl-2-
[[(2R)-2-[[(tetrahydro-2H-pyran-2-yl)oxy]methyl]-1-pyrrolidinyl]carbonyl]-
(CA INDEX NAME)

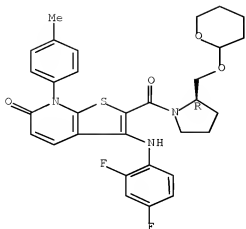
Absolute stereochemistry.



RN 816424-82-5 CAPLUS

CN Thieno[2,3-b]pyridin-6(7H)-one, 3-[(2,4-difluorophenyl)amino]-7-(4-
methylphenyl)-2-[[(2R)-2-[[(tetrahydro-2H-pyran-2-yl)oxy]methyl]-1-
pyrrolidinyl]carbonyl]- (CA INDEX NAME)

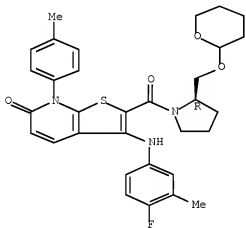
Absolute stereochemistry.



RN 816424-83-6 CAPLUS

CN Thieno[2,3-b]pyridin-6(7H)-one, 3-[(4-fluoro-3-methylphenyl)amino]-7-(4-methylphenyl)-2-[[(2R)-2-[[(tetrahydro-2H-pyran-2-yl)oxy]methyl]-1-pyrrolidinyl]carbonyl]- (CA INDEX NAME)

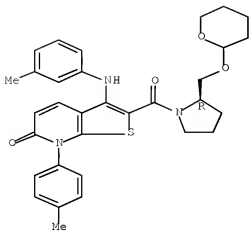
Absolute stereochemistry.



RN 816424-84-7 CAPLUS

CN Thieno[2,3-b]pyridin-6(7H)-one, 7-(4-methylphenyl)-3-[(3-methylphenyl)amino]-2-[[(2R)-2-[[(tetrahydro-2H-pyran-2-yl)oxy]methyl]-1-pyrrolidinyl]carbonyl]- (CA INDEX NAME)

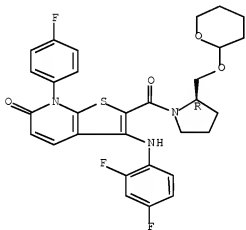
Absolute stereochemistry.



RN 816424-85-8 CAPLUS

CN Thieno[2,3-b]pyridin-6(7H)-one, 3-[(2,4-difluorophenyl)amino]-7-(4-fluorophenyl)-2-[[[(2R)-2-[[[(tetrahydro-2H-pyran-2-yl)oxy]methyl]-1-pyrrolidinyl]carbonyl]- (CA INDEX NAME)

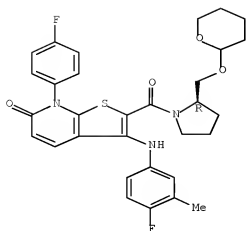
Absolute stereochemistry.



RN 816424-86-9 CAPLUS

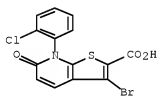
CN Thieno[2,3-b]pyridin-6(7H)-one, 3-[(4-fluoro-3-methylphenyl)amino]-7-(4-fluorophenyl)-2-[[[(2R)-2-[[[(tetrahydro-2H-pyran-2-yl)oxy]methyl]-1-pyrrolidinyl]carbonyl]- (CA INDEX NAME)

Absolute stereochemistry.



RN 816424-87-0 CAPLUS

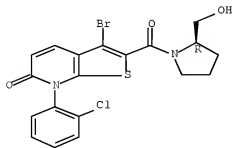
CN Thieno[2,3-b]pyridine-2-carboxylic acid,
3-bromo-7-(2-chlorophenyl)-6,7-dihydro-6-oxo- (CA INDEX NAME)



RN 816424-88-1 CAPLUS

CN Thieno[2,3-b]pyridin-6(7H)-one, 3-bromo-7-(2-chlorophenyl)-2-[[(2R)-2-(hydroxymethyl)-1-pyrrolidinyl]carbonyl]- (CA INDEX NAME)

Absolute stereochemistry.

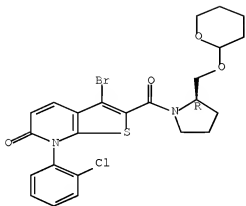


RN 816424-89-2 CAPLUS

CN Thieno[2,3-b]pyridin-6(7H)-one, 3-bromo-7-(2-chlorophenyl)-2-[[(2R)-2-[(tetrahydro-2H-pyran-2-yl)oxy]methyl]-1-pyrrolidinyl]carbonyl]- (CA

INDEX NAME)

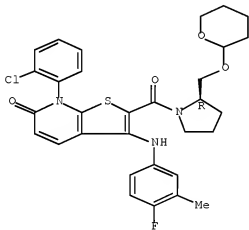
Absolute stereochemistry.



RN 816424-90-5 CAPLUS

CN Thieno[2,3-b]pyridin-6(7H)-one, 7-(2-chlorophenyl)-3-[(4-fluoro-3-methylphenyl)amino]-2-[[[(2R)-2-[[[(tetrahydro-2H-pyran-2-yl)oxy]methyl]-1-pyrrolidinyl]carbonyl]- (CA INDEX NAME)

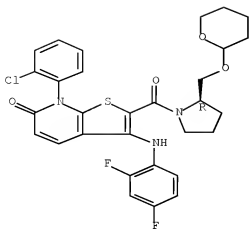
Absolute stereochemistry.



RN 816424-91-6 CAPLUS

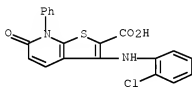
CN Thieno[2,3-b]pyridin-6(7H)-one, 7-(2-chlorophenyl)-3-[(2,4-difluorophenyl)amino]-2-[[[(2R)-2-[[[(tetrahydro-2H-pyran-2-yl)oxy]methyl]-1-pyrrolidinyl]carbonyl]- (CA INDEX NAME)

Absolute stereochemistry.



RN 816424-93-8 CAPLUS

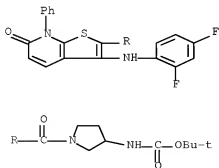
CN Thieno[2,3-b]pyridine-2-carboxylic acid,
3-[(2-chlorophenyl)amino]-6,7-dihydro-6-oxo-7-phenyl-, sodium salt (1:1)
(CA INDEX NAME)



● Na

RN 816424-94-9 CAPLUS

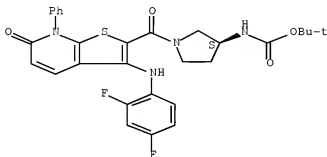
CN Carbamic acid, [1-[[3-[(2,4-difluorophenyl)amino]-6,7-dihydro-6-oxo-7-phenylthieno[2,3-b]pyridin-2-yl]carbonyl]-3-pyrrolidinyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)



RN 816424-95-0 CAPLUS

CN Carbamic acid, [(3S)-1-[[3-[(2,4-difluorophenyl)amino]-6,7-dihydro-6-oxo-7-phenylthieno[2,3-b]pyridin-2-yl]carbonyl]-3-pyrrolidinyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

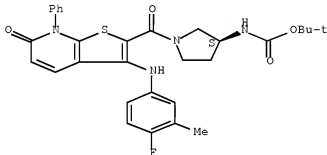
Absolute stereochemistry.



RN 816424-96-1 CAPLUS

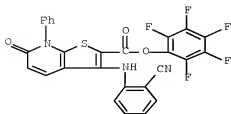
CN Carbamic acid, [(3S)-1-[[3-[(4-fluoro-3-methylphenyl)amino]-6,7-dihydro-6-oxo-7-phenylthieno[2,3-b]pyridin-2-yl]carbonyl]-3-pyrrolidinyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.

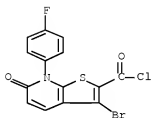


RN 816424-97-2 CAPLUS

CN Thieno[2,3-b]pyridine-2-carboxylic acid, 3-[(2-cyanophenyl)amino]-6,7-dihydro-6-oxo-7-phenyl-, 2,3,4,5,6-pentafluorophenyl ester (CA INDEX NAME)

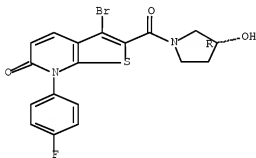


RN 816424-98-3 CAPLUS
 CN Thieno[2,3-b]pyridine-2-carbonyl chloride,
 3-bromo-7-(4-fluorophenyl)-6,7-dihydro-6-oxo- (CA INDEX NAME)



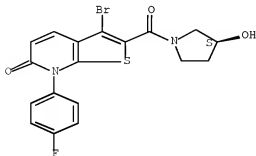
RN 816424-99-4 CAPLUS
 CN Thieno[2,3-b]pyridin-6(7H)-one, 3-bromo-7-(4-fluorophenyl)-2-[[(3R)-3-hydroxy-1-pyrrolidinyl]carbonyl]- (CA INDEX NAME)

Absolute stereochemistry.



RN 816425-00-0 CAPLUS
 CN Thieno[2,3-b]pyridin-6(7H)-one, 3-bromo-7-(4-fluorophenyl)-2-[[(3S)-3-hydroxy-1-pyrrolidinyl]carbonyl]- (CA INDEX NAME)

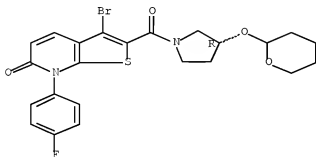
Absolute stereochemistry.



RN 816425-01-1 CAPLUS

CN Thieno[2,3-b]pyridin-6(7H)-one, 3-bromo-7-(4-fluorophenyl)-2-[[(3R)-3-
[(tetrahydro-2H-pyran-2-yl)oxy]-1-pyrrolidinyl]carbonyl]- (CA INDEX NAME)

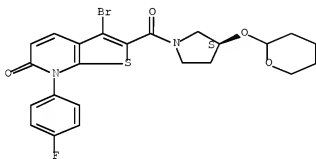
Absolute stereochemistry.



RN 816425-02-2 CAPLUS

CN Thieno[2,3-b]pyridin-6(7H)-one, 3-bromo-7-(4-fluorophenyl)-2-[[(3S)-3-
[(tetrahydro-2H-pyran-2-yl)oxy]-1-pyrrolidinyl]carbonyl]- (CA INDEX NAME)

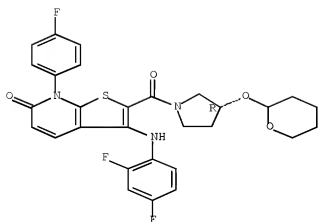
Absolute stereochemistry.



RN 816425-03-3 CAPLUS

CN Thieno[2,3-b]pyridin-6(7H)-one, 3-[(2,4-difluorophenyl)amino]-7-(4-
fluorophenyl)-2-[[(3R)-3-[(tetrahydro-2H-pyran-2-yl)oxy]-1-
pyrrolidinyl]carbonyl]- (CA INDEX NAME)

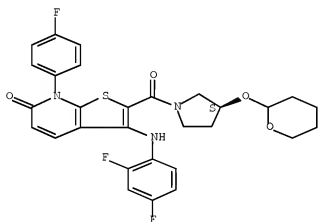
Absolute stereochemistry.



RN 816425-04-4 CAPLUS

CN Thieno[2,3-b]pyridin-6(7H)-one, 3-[(2,4-difluorophenyl)amino]-7-(4-fluorophenyl)-2-[[(3S)-3-[(tetrahydro-2H-pyran-2-yl)oxy]-1-pyrrolidinyl]carbonyl]- (CA INDEX NAME)

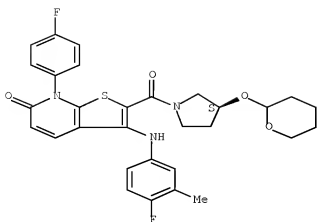
Absolute stereochemistry.



RN 816425-05-5 CAPLUS

CN Thieno[2,3-b]pyridin-6(7H)-one, 3-[(4-fluoro-3-methylphenyl)amino]-7-(4-fluorophenyl)-2-[[(3S)-3-[(tetrahydro-2H-pyran-2-yl)oxy]-1-pyrrolidinyl]carbonyl]- (CA INDEX NAME)

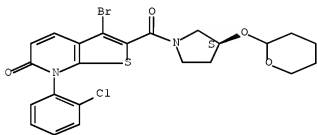
Absolute stereochemistry.



RN 816425-06-6 CAPLUS

CN Thieno[2,3-b]pyridin-6(7H)-one, 3-bromo-7-(2-chlorophenyl)-2-[[(3S)-3-[(tetrahydro-2H-pyran-2-yl)oxy]-1-pyrrolidinyl]carbonyl]- (CA INDEX NAME)

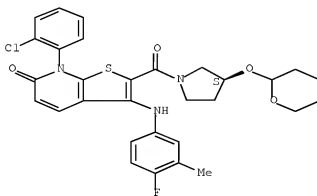
Absolute stereochemistry.



RN 816425-07-7 CAPLUS

CN Thieno[2,3-b]pyridin-6(7H)-one, 7-(2-chlorophenyl)-3-[(4-fluoro-3-methylphenyl)amino]-2-[[(3S)-3-[(tetrahydro-2H-pyran-2-yl)oxy]-1-pyrrolidinyl]carbonyl]- (CA INDEX NAME)

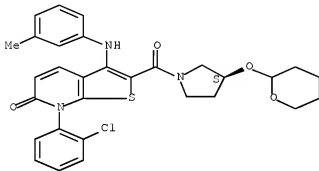
Absolute stereochemistry.



RN 816425-08-8 CAPLUS

CN Thieno[2,3-b]pyridin-6(7H)-one, 7-(2-chlorophenyl)-3-[(3-methylphenyl)amino]-2-[[[(3S)-3-[(tetrahydro-2H-pyran-2-yl)oxy]-1-pyrrolidinyl]carbonyl]- (CA INDEX NAME)

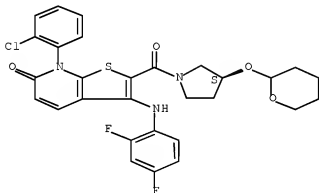
Absolute stereochemistry.



RN 816425-09-9 CAPLUS

CN Thieno[2,3-b]pyridin-6(7H)-one, 7-(2-chlorophenyl)-3-[(2,4-difluorophenyl)amino]-2-[[[(3S)-3-[(tetrahydro-2H-pyran-2-yl)oxy]-1-pyrrolidinyl]carbonyl]- (CA INDEX NAME)

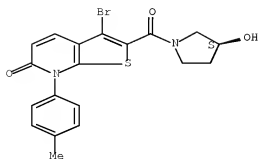
Absolute stereochemistry.



RN 816425-10-2 CAPLUS

CN Thieno[2,3-b]pyridin-6(7H)-one, 3-bromo-2-[[[(3S)-3-hydroxy-1-pyrrolidinyl]carbonyl]-7-(4-methylphenyl)- (CA INDEX NAME)

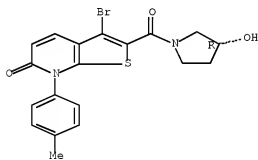
Absolute stereochemistry.



RN 816425-11-3 CAPLUS

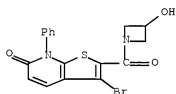
CN Thieno[2,3-b]pyridin-6(7H)-one, 3-bromo-2-[(3R)-3-hydroxy-1-pyrrolidinyl]carbonyl]-7-(4-methylphenyl)- (CA INDEX NAME)

Absolute stereochemistry.



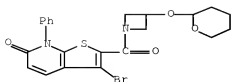
RN 816425-13-5 CAPLUS

CN Thieno[2,3-b]pyridin-6(7H)-one, 3-bromo-2-[(3-hydroxy-1-azetidynyl)carbonyl]-7-phenyl- (CA INDEX NAME)



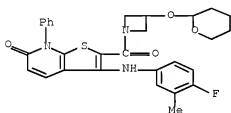
RN 816425-14-6 CAPLUS

CN Thieno[2,3-b]pyridin-6(7H)-one, 3-bromo-7-phenyl-2-[[3-[(tetrahydro-2H-pyran-2-yl)oxy]-1-azetidynyl]carbonyl]- (CA INDEX NAME)



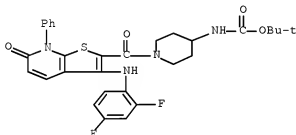
RN 816425-15-7 CAPLUS

CN Thieno[2,3-b]pyridin-6(7H)-one, 3-[(4-fluoro-3-methylphenyl)amino]-7-phenyl-2-[[3-[(tetrahydro-2H-pyran-2-yl)oxy]-1-azetidiny]carbonyl]-1,1-dimethylethyl ester (9CI) (CA INDEX NAME)



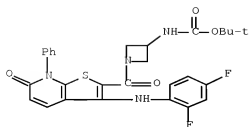
RN 816425-16-8 CAPLUS

CN Carbamic acid, [1-[[3-[(2,4-difluorophenyl)amino]-6,7-dihydro-6-oxo-7-phenylthieno[2,3-b]pyridin-2-yl]carbonyl]-4-piperidiny]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)



RN 816425-17-9 CAPLUS

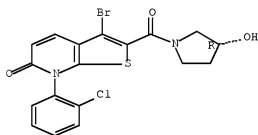
CN Carbamic acid, [1-[[3-[(2,4-difluorophenyl)amino]-6,7-dihydro-6-oxo-7-phenylthieno[2,3-b]pyridin-2-yl]carbonyl]-3-azetidiny]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)



RN 816425-18-0 CAPLUS

CN Thieno[2,3-b]pyridin-6(7H)-one, 3-bromo-7-(2-chlorophenyl)-2-[[(3R)-3-hydroxy-1-pyrrolidinyl]carbonyl]- (CA INDEX NAME)

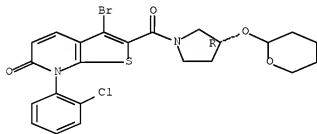
Absolute stereochemistry.



RN 816425-19-1 CAPLUS

CN Thieno[2,3-b]pyridin-6(7H)-one, 3-bromo-7-(2-chlorophenyl)-2-[[(3R)-3-[(tetrahydro-2H-pyran-2-yl)oxy]-1-pyrrolidinyl]carbonyl]- (CA INDEX NAME)

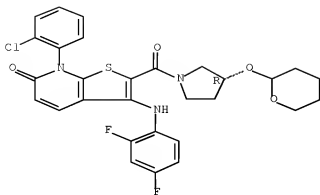
Absolute stereochemistry.



RN 816425-20-4 CAPLUS

CN Thieno[2,3-b]pyridin-6(7H)-one, 7-(2-chlorophenyl)-3-[(2,4-difluorophenyl)amino]-2-[[(3R)-3-[(tetrahydro-2H-pyran-2-yl)oxy]-1-pyrrolidinyl]carbonyl]- (CA INDEX NAME)

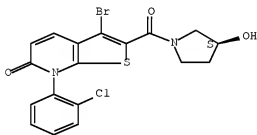
Absolute stereochemistry.



RN 816425-21-5 CAPLUS

CN Thieno[2,3-b]pyridin-6(7H)-one, 3-bromo-7-(2-chlorophenyl)-2-[[[(3S)-3-hydroxy-1-pyrrolidinyl]carbonyl]- (CA INDEX NAME)

Absolute stereochemistry.



REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 6 OF 8 CAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 2004:143162 CAPLUS Full-text

DOCUMENT NUMBER: 140:181432

TITLE: Preparation of bicyclic heteroaromatic compounds as p38 kinase inhibitors

INVENTOR(S): Brookings, Daniel Christopher; Davis, Jeremy Martin; Langham, Barry John

PATENT ASSIGNEE(S): Celltech R & D Limited, UK

SOURCE: PCT Int. Appl., 75 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

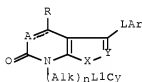
LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

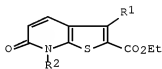
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 GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR,
 LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM,
 PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN,
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 CA 2495518 A1 20040219 CA 2003-2495518 20030811
 AU 2003252990 A1 20040225 AU 2003-252990 20030811
 EP 1539769 A1 20050615 EP 2003-784288 20030811
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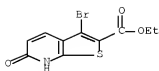


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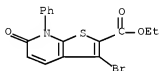
II

AB Title compds. I [A = N, (un)substituted CH, dashed line is a double bond; A = (un)substituted NH, CH2, dashed line is a single bond; X = O, S, (un)substituted NH, S(O), SO2; Y = N, (un)substituted CH; Alk = (un)substituted aliphatic, heteroaliph.; n = 0, 1; Ar = (un)substituted aromatic, heteroarom.; L = atom, alkylene, heteroalkylene; L1 = bond, linker atom, linker group; Cy = H, (un)substituted cycloaliph, polycycloaliph., heterocyclic, polyheterocyclic, aromatic, heteroarom.; R = H, CN, (un)substituted alkyl, CO2H, CONH2], especially 6-oxo-6,7-dihydrothieno[2,3-b]pyridine derivs., which are inhibitors of p38 kinase of use in the treatment and/or prevention of immune or inflammatory disorders (no data) were prepared Thus, II [R1 = NHCH2Ph, R2 = Ph] was prepared from 2-chloronicotinonitrile and HSCH2CO2Et via II [R1 = Br, R2 = H] by treatment with PhB(OH)2 and PhCH2NH2.
 IT 514182-52-6P 514182-57-1P 639481-34-8P
 639481-50-8P 660398-73-2P 660398-74-3P
 660398-75-4P
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
 (preparation of bicyclic heteroarom. compds. as p38 kinase inhibitors)
 RN 514182-52-6 CAPLUS
 CN Thieno[2,3-b]pyridine-2-carboxylic acid, 3-bromo-6,7-dihydro-6-oxo-, ethyl ester (CA INDEX NAME)



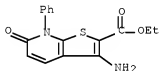
RN 514182-57-1 CAPLUS

CN Thieno[2,3-b]pyridine-2-carboxylic acid,
3-bromo-6,7-dihydro-6-oxo-7-phenyl-, ethyl ester (CA INDEX NAME)



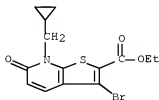
RN 639481-34-8 CAPLUS

CN Thieno[2,3-b]pyridine-2-carboxylic acid,
3-amino-6,7-dihydro-6-oxo-7-phenyl-, ethyl ester (CA INDEX NAME)



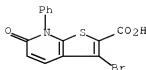
RN 639481-50-8 CAPLUS

CN Thieno[2,3-b]pyridine-2-carboxylic acid,
3-bromo-7-(cyclopropylmethyl)-6,7-dihydro-6-oxo-, ethyl ester (CA INDEX NAME)



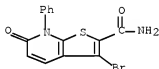
RN 660398-73-2 CAPLUS

CN Thieno[2,3-b]pyridine-2-carboxylic acid,
3-bromo-6,7-dihydro-6-oxo-7-phenyl- (CA INDEX NAME)



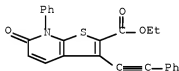
RN 660398-74-3 CAPLUS

CN Thieno[2,3-b]pyridine-2-carboxamide, 3-bromo-6,7-dihydro-6-oxo-7-phenyl-
(CA INDEX NAME)



RN 660398-75-4 CAPLUS

CN Thieno[2,3-b]pyridine-2-carboxylic acid,
6,7-dihydro-6-oxo-7-phenyl-3-(2-phenylethynyl)-, ethyl ester (CA INDEX
NAME)



IT 660398-49-2P 660398-50-5P 660398-51-6P

660398-52-7P 660398-53-8P 660398-54-3P

660398-55-0P 660398-56-1P 660398-58-3P

660398-59-4P 660398-60-7P 660398-61-8P

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660398-65-2P 660398-68-5P 660398-69-6P

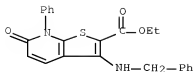
660398-70-9P 660398-71-0P 660398-72-1P

RL: SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological
study); PREP (Preparation); USES (Uses)

(preparation of bicyclic heteroarom. compds. as p38 kinase inhibitors)

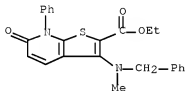
RN 660398-49-2 CAPLUS

CN Thieno[2,3-b]pyridine-2-carboxylic acid,
6,7-dihydro-6-oxo-7-phenyl-3-[(phenylmethyl)amino]-, ethyl ester (CA
INDEX NAME)



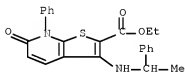
RN 660398-50-5 CAPLUS

CN Thieno[2,3-b]pyridine-2-carboxylic acid,
6,7-dihydro-3-[(methyl(phenylmethyl)amino)-6-oxo-7-phenyl-], ethyl ester
(CA INDEX NAME)



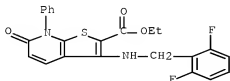
RN 660398-51-6 CAPLUS

CN Thieno[2,3-b]pyridine-2-carboxylic acid,
6,7-dihydro-6-oxo-7-phenyl-3-[(1-phenylethyl)amino]-, ethyl ester (CA
INDEX NAME)



RN 660398-52-7 CAPLUS

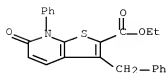
CN Thieno[2,3-b]pyridine-2-carboxylic acid,
3-[[[(2,6-difluorophenyl)methyl]amino]-6,7-dihydro-6-oxo-7-phenyl-], ethyl
ester (CA INDEX NAME)



RN 660398-53-8 CAPLUS

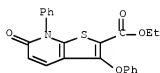
CN Thieno[2,3-b]pyridine-2-carboxylic acid,

6,7-dihydro-6-oxo-7-phenyl-3-(phenylmethyl)-, ethyl ester (CA INDEX NAME)



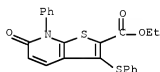
RN 660398-54-9 CAPLUS

CN Thieno[2,3-b]pyridine-2-carboxylic acid,
6,7-dihydro-6-oxo-3-phenoxy-7-phenyl-, ethyl ester (CA INDEX NAME)



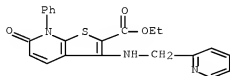
RN 660398-55-0 CAPLUS

CN Thieno[2,3-b]pyridine-2-carboxylic acid,
6,7-dihydro-6-oxo-7-phenyl-3-(phenylthio)-, ethyl ester (CA INDEX NAME)



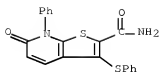
RN 660398-56-1 CAPLUS

CN Thieno[2,3-b]pyridine-2-carboxylic acid,
6,7-dihydro-6-oxo-7-phenyl-3-[(2-pyridinylmethyl)amino]-, ethyl ester (CA
INDEX NAME)



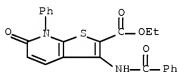
RN 660398-58-3 CAPLUS

CN Thieno[2,3-b]pyridine-2-carboxamide,
6,7-dihydro-6-oxo-7-phenyl-3-(phenylthio)- (CA INDEX NAME)



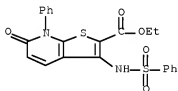
RN 660398-59-4 CAPLUS

CN Thieno[2,3-b]pyridine-2-carboxylic acid,
3-(benzoylamino)-6,7-dihydro-6-oxo-7-phenyl-, ethyl ester (CA INDEX NAME)



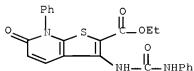
RN 660398-60-7 CAPLUS

CN Thieno[2,3-b]pyridine-2-carboxylic acid,
6,7-dihydro-6-oxo-7-phenyl-3-[(phenylsulfonyl)amino]-, ethyl ester (CA
INDEX NAME)



RN 660398-61-8 CAPLUS

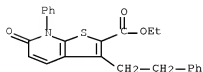
CN Thieno[2,3-b]pyridine-2-carboxylic acid,
6,7-dihydro-6-oxo-7-phenyl-3-[(phenylamino)carbonylamino]-, ethyl ester
(CA INDEX NAME)



RN 660398-62-9 CAPLUS

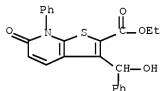
CN Thieno[2,3-b]pyridine-2-carboxylic acid,

6,7-dihydro-6-oxo-7-phenyl-3-(2-phenylethyl)-, ethyl ester (CA INDEX NAME)



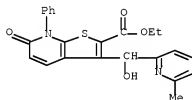
RN 660398-63-0 CAPLUS

CN Thieno[2,3-b]pyridine-2-carboxylic acid,
6,7-dihydro-3-(hydroxyphenylmethyl)-6-oxo-7-phenyl-, ethyl ester (CA INDEX NAME)



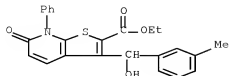
RN 660398-64-1 CAPLUS

CN Thieno[2,3-b]pyridine-2-carboxylic acid,
6,7-dihydro-3-[hydroxy(2-pyridinyl)methyl]-6-oxo-7-phenyl-, ethyl ester (CA INDEX NAME)



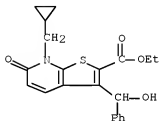
RN 660398-65-2 CAPLUS

CN Thieno[2,3-b]pyridine-2-carboxylic acid,
6,7-dihydro-3-[hydroxy(3-methylphenyl)methyl]-6-oxo-7-phenyl-, ethyl ester (CA INDEX NAME)



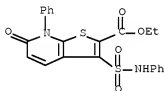
RN 660398-68-5 CAPLUS

CN Thieno[2,3-b]pyridine-2-carboxylic acid,
7-(cyclopropylmethyl)-6,7-dihydro-3-(hydroxyphenylmethyl)-6-oxo-, ethyl
ester (CA INDEX NAME)



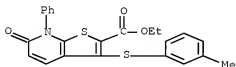
RN 660398-69-6 CAPLUS

CN Thieno[2,3-b]pyridine-2-carboxylic acid,
6,7-dihydro-6-oxo-7-phenyl-3-[(phenylamino)sulfonyl]-, ethyl ester (CA
INDEX NAME)



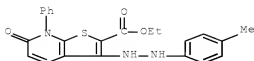
RN 660398-70-9 CAPLUS

CN Thieno[2,3-b]pyridine-2-carboxylic acid,
6,7-dihydro-3-[(3-methylphenyl)thio]-6-oxo-7-phenyl-, ethyl ester (CA
INDEX NAME)

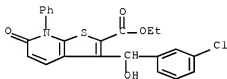


RN 660398-71-0 CAPLUS

CN Thieno[2,3-b]pyridine-2-carboxylic acid,
6,7-dihydro-3-[2-(4-methylphenyl)hydrazinyl]-6-oxo-7-phenyl-, ethyl ester
(CA INDEX NAME)



RN 660398-72-1 CAPLUS
 CN Thieno[2,3-b]pyridine-2-carboxylic acid,
 3-[(3-chlorophenyl)hydroxymethyl]-6,7-dihydro-6-oxo-7-phenyl-, ethyl ester
 (CA INDEX NAME)



REFERENCE COUNT: 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS
 RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 7 OF 8 CAPLUS COPYRIGHT 2008 ACS on STN
 ACCESSION NUMBER: 2004:2888 CAPLUS Full-text
 DOCUMENT NUMBER: 140:59658
 TITLE: Preparation of arylamine substituted bicyclic
 hetero-aromatic compounds as p38 kinase inhibitors
 INVENTOR(S): Brookings, Daniel Christopher; Davis, Jeremy Martin;
 Langham, Barry John
 PATENT ASSIGNEE(S): Celltech R & D Limited, UK
 SOURCE: PCT Int. Appl., 174 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004000846	A1	20031231	WO 2003-GB2667	20030620
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
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AU 2003253087	A1	20040106	AU 2003-253087	20030620
AU 2003253087	B2	20081016		
BR 2003011842	A	20050315	BR 2003-11842	20030620
EP 1551848	A1	20050713	EP 2003-760802	20030620

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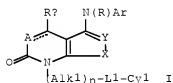
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JP 2005530838	T	20051013	JP 2004-515043	20030620
NZ 537740	A	20060331	NZ 2003-537740	20030620
MX 2004PA12746	A	20050323	MX 2004-PA12746	20041215
NO 2005000306	A	20050316	NO 2005-306	20050119
ZA 2005000524	A	20060830	ZA 2005-524	20050119
US 20060004025	A1	20060105	US 2005-518725	20050526
US 7423047	B2	20080909		

PRIORITY APPLN. INFO.:

GB 2002-14268	A	20020620
WO 2003-GB2667	W	20030620

OTHER SOURCE(S): MARPAT 140:59658

GI



AB Bicyclic heteroarom. derivs. I; where the dashed line joining A and C(Ra) is present and represents a bond and A is a -N= atom or a -C(Rb)= group, or the dashed line is absent and A is a -N(Rb)-, or -C(Rb)(Rc)- group; X is an -O-, -S- or substituted nitrogen atom or a -S(O)-, -S(O2)- or -NH- group; Y is a nitrogen or substituted carbon atom or a -CH= group; n is zero or the integer 1; Alkl is an optionally substituted aliphatic or hetero-aliphatic chain L1 is a covalent bond or a linker atom or group; Cyl is a hydrogen atom or an optionally substituted cyclo-aliphatic, poly-cyclo-aliphatic, hetero-cyclo-aliphatic, poly-hetero-cyclo-aliphatic, aromatic or hetero-aromatic group; Ar is an optionally substituted aromatic or heteroarom. group; and the remaining substituents are defined in the specification. The compds. are potent and selective inhibitors of p38 kinase and are of use in the prophylaxis and treatment of immune or inflammatory disorders. Thus, 3-[(2,4-difluorophenyl)amino]-6-oxo-7-phenyl-N-pyrrolidin-3-yl-6,7- dihydrothieno[2,3-b]pyridine-2-carboxamide was prepared as p38 kinase inhibitor. In the p38 inhibitor assays described above compds. of the invention have IC50 values of around 1 μ M and below. The compds. of the invention are clearly potent inhibitors of p38 kinase, especially p38 α kinase.

IT 639479-13-3P 639479-14-4P 639479-15-5P
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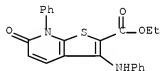
RL: IMF (Industrial manufacture); PAC (Pharmacological activity); RCT (Reactant); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent); USES

(Uses)

(preparation of arylamine substituted bicyclic hetero-aromatic compds. as
p38 kinase inhibitors)

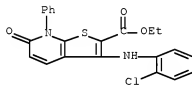
RN 639479-13-3 CAPLUS

CN Thieno[2,3-b]pyridine-2-carboxylic acid,
6,7-dihydro-6-oxo-7-phenyl-3-(phenylamino)-, ethyl ester (CA INDEX NAME)



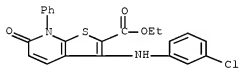
RN 639479-14-4 CAPLUS

CN Thieno[2,3-b]pyridine-2-carboxylic acid,
3-[(2-chlorophenyl)amino]-6,7-dihydro-6-oxo-7-phenyl-, ethyl ester (CA
INDEX NAME)



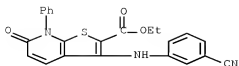
RN 639479-15-5 CAPLUS

CN Thieno[2,3-b]pyridine-2-carboxylic acid,
3-[(3-chlorophenyl)amino]-6,7-dihydro-6-oxo-7-phenyl-, ethyl ester (CA
INDEX NAME)



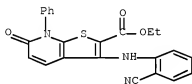
RN 639479-21-3 CAPLUS

CN Thieno[2,3-b]pyridine-2-carboxylic acid,
3-[(3-cyanophenyl)amino]-6,7-dihydro-6-oxo-7-phenyl-, ethyl ester (CA
INDEX NAME)



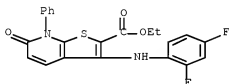
RN 639479-22-4 CAPLUS

CN Thieno[2,3-b]pyridine-2-carboxylic acid,
3-[(2-cyanophenyl)amino]-6,7-dihydro-6-oxo-7-phenyl-, ethyl ester (CA
INDEX NAME)



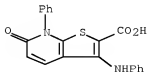
RN 639479-24-6 CAPLUS

CN Thieno[2,3-b]pyridine-2-carboxylic acid,
3-[(2,4-difluorophenyl)amino]-6,7-dihydro-6-oxo-7-phenyl-, ethyl ester
(CA INDEX NAME)



RN 639479-26-8 CAPLUS

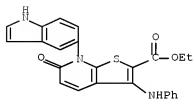
CN Thieno[2,3-b]pyridine-2-carboxylic acid,
6,7-dihydro-6-oxo-7-phenyl-3-(phenylamino)-, ammonium salt (1:1) (CA
INDEX NAME)



● NH₃

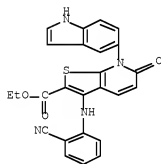
RN 639479-52-0 CAPLUS

CN Thieno[2,3-b]pyridine-2-carboxylic acid,
6,7-dihydro-7-(1H-indol-5-yl)-6-oxo-3-(phenylamino)-, ethyl ester (CA
INDEX NAME)



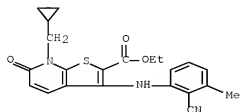
RN 639479-54-2 CAPLUS

CN Thieno[2,3-b]pyridine-2-carboxylic acid,
3-[(2-cyanophenyl)amino]-6,7-dihydro-7-(1H-indol-5-yl)-6-oxo-, ethyl ester
(CA INDEX NAME)



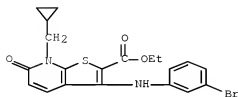
RN 639479-74-6 CAPLUS

CN Thieno[2,3-b]pyridine-2-carboxylic acid,
3-[(2-cyano-3-methylphenyl)amino]-7-(cyclopropylmethyl)-6,7-dihydro-6-oxo-
, ethyl ester (CA INDEX NAME)



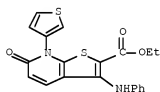
RN 639479-78-0 CAPLUS

CN Thieno[2,3-b]pyridine-2-carboxylic acid,
3-[(3-bromophenyl)amino]-7-(cyclopropylmethyl)-6,7-dihydro-6-oxo-, ethyl
ester (CA INDEX NAME)



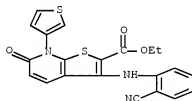
RN 639479-80-4 CAPLUS

CN Thieno[2,3-b]pyridine-2-carboxylic acid,
6,7-dihydro-6-oxo-3-(phenylamino)-7-(3-thienyl)-, ethyl ester (CA INDEX
NAME)



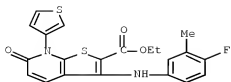
RN 639479-82-6 CAPLUS

CN Thieno[2,3-b]pyridine-2-carboxylic acid,
3-[(2-cyanophenyl)amino]-6,7-dihydro-6-oxo-7-(3-thienyl)-, ethyl ester
(CA INDEX NAME)



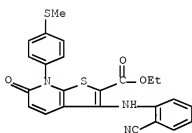
RN 639479-84-8 CAPLUS

CN Thieno[2,3-b]pyridine-2-carboxylic acid,
3-[(4-fluoro-3-methylphenyl)amino]-6,7-dihydro-6-oxo-7-(3-thienyl)-, ethyl
ester (CA INDEX NAME)



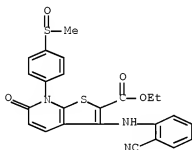
RN 639479-93-9 CAPLUS

CN Thieno[2,3-b]pyridine-2-carboxylic acid,
3-[(2-cyanophenyl)amino]-6,7-dihydro-7-[4-(methylthio)phenyl]-6-oxo-,
ethyl ester (CA INDEX NAME)



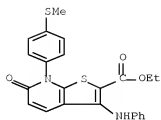
RN 639479-94-0 CAPLUS

CN Thieno[2,3-b]pyridine-2-carboxylic acid,
3-[(2-cyanophenyl)amino]-6,7-dihydro-7-[4-(methylsulfinyl)phenyl]-6-oxo-,
ethyl ester (CA INDEX NAME)



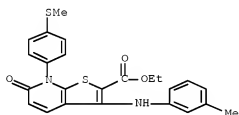
RN 639479-96-2 CAPLUS

CN Thieno[2,3-b]pyridine-2-carboxylic acid,
6,7-dihydro-7-[4-(methylthio)phenyl]-6-oxo-3-(phenylamino)-, ethyl ester
(CA INDEX NAME)



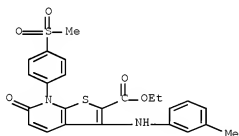
RN 639479-98-4 CAPLUS

CN Thieno[2,3-b]pyridine-2-carboxylic acid,
6,7-dihydro-3-[(3-methylphenyl)amino]-7-[4-(methylthio)phenyl]-6-oxo-,
ethyl ester (CA INDEX NAME)



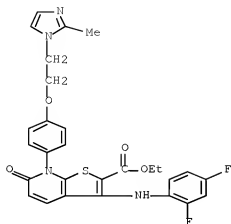
RN 639479-99-5 CAPLUS

CN Thieno[2,3-b]pyridine-2-carboxylic acid,
6,7-dihydro-3-[(3-methylphenyl)amino]-7-[4-(methylsulfonyl)phenyl]-6-oxo-,
ethyl ester (CA INDEX NAME)



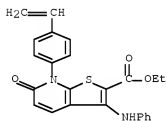
RN 639480-02-7 CAPLUS

CN Thieno[2,3-b]pyridine-2-carboxylic acid,
3-[(2,4-difluorophenyl)amino]-6,7-dihydro-7-[4-[2-(2-methyl-1H-imidazol-1-yl)ethoxy]phenyl]-6-oxo-, ethyl ester (CA INDEX NAME)



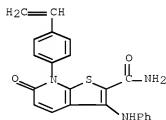
RN 639480-05-0 CAPLUS

CN Thieno[2,3-b]pyridine-2-carboxylic acid,
7-(4-ethenylphenyl)-6,7-dihydro-6-oxo-3-(phenylamino)-, ethyl ester (CA
INDEX NAME)



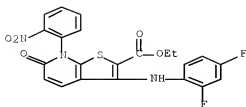
RN 639480-06-1 CAPLUS

CN Thieno[2,3-b]pyridine-2-carboxamide,
7-(4-ethenylphenyl)-6,7-dihydro-6-oxo-3-(phenylamino)- (CA INDEX NAME)



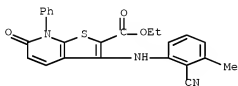
RN 639480-10-7 CAPLUS

CN Thieno[2,3-b]pyridine-2-carboxylic acid,
3-[(2,4-difluorophenyl)amino]-6,7-dihydro-7-(2-nitrophenyl)-6-oxo-, ethyl
ester (CA INDEX NAME)



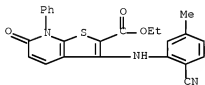
RN 639480-41-4 CAPLUS

CN Thieno[2,3-b]pyridine-2-carboxylic acid,
3-[(2-cyano-3-methylphenyl)amino]-6,7-dihydro-6-oxo-7-phenyl-, ethyl ester
(CA INDEX NAME)



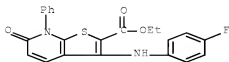
RN 639480-42-5 CAPLUS

CN Thieno[2,3-b]pyridine-2-carboxylic acid,
3-[(2-cyano-5-methylphenyl)amino]-6,7-dihydro-6-oxo-7-phenyl-, ethyl ester
(CA INDEX NAME)



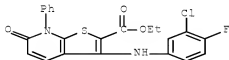
RN 639480-43-6 CAPLUS

CN Thieno[2,3-b]pyridine-2-carboxylic acid,
3-[(4-fluorophenyl)amino]-6,7-dihydro-6-oxo-7-phenyl-, ethyl ester (CA
INDEX NAME)



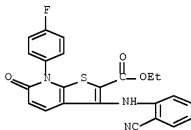
RN 639480-45-8 CAPLUS

CN Thieno[2,3-b]pyridine-2-carboxylic acid,
3-[(3-chloro-4-fluorophenyl)amino]-6,7-dihydro-6-oxo-7-phenyl-, ethyl
ester (CA INDEX NAME)



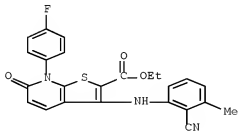
RN 639480-46-9 CAPLUS

CN Thieno[2,3-b]pyridine-2-carboxylic acid,
3-[(2-cyanophenyl)amino]-7-(4-fluorophenyl)-6,7-dihydro-6-oxo-, ethyl
ester (CA INDEX NAME)



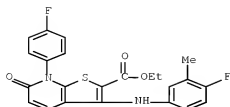
RN 639480-47-0 CAPLUS

CN Thieno[2,3-b]pyridine-2-carboxylic acid,
3-[(2-cyano-3-methylphenyl)amino]-7-(4-fluorophenyl)-6,7-dihydro-6-oxo-,
ethyl ester (CA INDEX NAME)



RN 639480-48-1 CAPLUS

CN Thieno[2,3-b]pyridine-2-carboxylic acid,
3-[(4-fluoro-3-methylphenyl)amino]-7-(4-fluorophenyl)-6,7-dihydro-6-oxo-,
ethyl ester (CA INDEX NAME)



IT 639479-16-6P 639479-17-7P 639479-18-8P
 639479-19-9P 639479-20-2P 639479-21-5P
 639479-25-7P 639479-29-1P 639479-30-4P
 639479-37-1P 639479-39-3P 639479-40-6P
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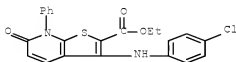
RL: IMF (Industrial manufacture); PAC (Pharmacological activity); SPN
 (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study);
 PREP (Preparation); USES (Uses)
 (preparation of arylamine substituted bicyclic hetero-aromatic compds. as

p38

kinase inhibitors)

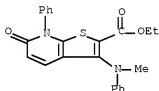
RN 639479-16-6 CAPLUS

CN Thieno[2,3-b]pyridine-2-carboxylic acid,
3-[(4-chlorophenyl)amino]-6,7-dihydro-6-oxo-7-phenyl-, ethyl ester (CA
INDEX NAME)



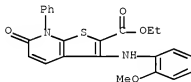
RN 639479-17-7 CAPLUS

CN Thieno[2,3-b]pyridine-2-carboxylic acid,
6,7-dihydro-3-(methylphenylamino)-6-oxo-7-phenyl-, ethyl ester (CA INDEX
NAME)



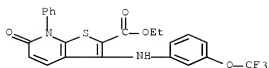
RN 639479-18-8 CAPLUS

CN Thieno[2,3-b]pyridine-2-carboxylic acid,
6,7-dihydro-3-[(2-methoxyphenyl)amino]-6-oxo-7-phenyl-, ethyl ester (CA
INDEX NAME)



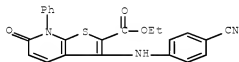
RN 639479-19-9 CAPLUS

CN Thieno[2,3-b]pyridine-2-carboxylic acid,
6,7-dihydro-6-oxo-7-phenyl-3-[[3-(trifluoromethoxy)phenyl]amino]-, ethyl
ester (CA INDEX NAME)



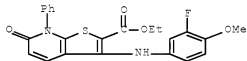
RN 639479-20-2 CAPLUS

CN Thieno[2,3-b]pyridine-2-carboxylic acid,
3-[(4-cyanophenyl)amino]-6,7-dihydro-6-oxo-7-phenyl-, ethyl ester (CA
INDEX NAME)



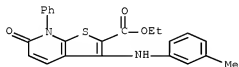
RN 639479-23-5 CAPLUS

CN Thieno[2,3-b]pyridine-2-carboxylic acid,
3-[(3-fluoro-4-methoxyphenyl)amino]-6,7-dihydro-6-oxo-7-phenyl-, ethyl
ester (CA INDEX NAME)



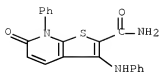
RN 639479-25-7 CAPLUS

CN Thieno[2,3-b]pyridine-2-carboxylic acid,
6,7-dihydro-3-[(3-methylphenyl)amino]-6-oxo-7-phenyl-, ethyl ester (CA
INDEX NAME)



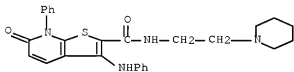
RN 639479-29-1 CAPLUS

CN Thieno[2,3-b]pyridine-2-carboxamide,
6,7-dihydro-6-oxo-7-phenyl-3-(phenylamino)- (CA INDEX NAME)



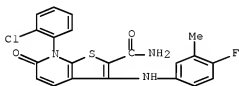
RN 639479-30-4 CAPLUS

CN Thieno[2,3-b]pyridine-2-carboxamide,
6,7-dihydro-6-oxo-7-phenyl-3-(phenylamino)-N-[2-(1-piperidinyl)ethyl]-
(CA INDEX NAME)



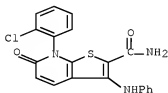
RN 639479-37-1 CAPLUS

CN Thieno[2,3-b]pyridine-2-carboxamide,
7-(2-chlorophenyl)-3-[(4-fluoro-3-methylphenyl)amino]-6,7-dihydro-6-oxo-
(CA INDEX NAME)



RN 639479-39-3 CAPLUS

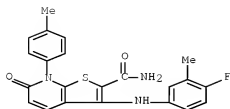
CN Thieno[2,3-b]pyridine-2-carboxamide,
7-(2-chlorophenyl)-6,7-dihydro-6-oxo-3-(phenylamino)- (CA INDEX NAME)



RN 639479-40-6 CAPLUS

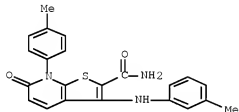
CN Thieno[2,3-b]pyridine-2-carboxamide,
3-[(4-fluoro-3-methylphenyl)amino]-6,7-dihydro-7-(4-methylphenyl)-6-oxo-

(CA INDEX NAME)



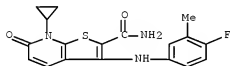
RN 639479-42-8 CAPLUS

CN Thieno[2,3-b]pyridine-2-carboxamide,
6,7-dihydro-7-(4-methylphenyl)-3-[(3-methylphenyl)amino]-6-oxo- (CA INDEX NAME)



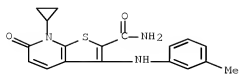
RN 639479-44-0 CAPLUS

CN Thieno[2,3-b]pyridine-2-carboxamide,
7-cyclopropyl-3-[(4-fluoro-3-methylphenyl)amino]-6,7-dihydro-6-oxo- (CA INDEX NAME)



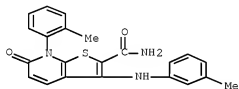
RN 639479-46-2 CAPLUS

CN Thieno[2,3-b]pyridine-2-carboxamide,
7-cyclopropyl-3-[(3-methylphenyl)amino]-6,7-dihydro-6-oxo- (CA INDEX NAME)



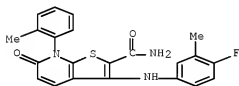
RN 639479-49-5 CAPLUS

CN Thieno[2,3-b]pyridine-2-carboxamide,
6,7-dihydro-7-(2-methylphenyl)-3-[(3-methylphenyl)amino]-6-oxo- (CA INDEX NAME)



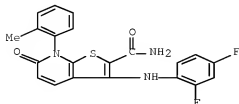
RN 639479-50-8 CAPLUS

CN Thieno[2,3-b]pyridine-2-carboxamide,
3-[(4-fluoro-3-methylphenyl)amino]-6,7-dihydro-7-(2-methylphenyl)-6-oxo- (CA INDEX NAME)



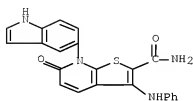
RN 639479-51-9 CAPLUS

CN Thieno[2,3-b]pyridine-2-carboxamide,
3-[(2,4-difluorophenyl)amino]-6,7-dihydro-7-(2-methylphenyl)-6-oxo- (CA INDEX NAME)



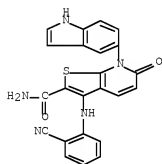
RN 639479-53-1 CAPLUS

CN Thieno[2,3-b]pyridine-2-carboxamide,
6,7-dihydro-7-(1H-indol-5-yl)-6-oxo-3-(phenylamino)- (CA INDEX NAME)



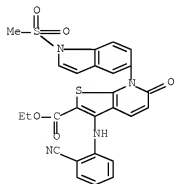
RN 639479-55-3 CAPLUS

CN Thieno[2,3-b]pyridine-2-carboxamide,
3-[(2-cyanophenyl)amino]-6,7-dihydro-7-(1H-indol-5-yl)-6-oxo- (CA INDEX NAME)



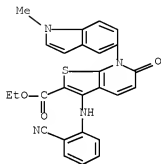
RN 639479-56-4 CAPLUS

CN Thieno[2,3-b]pyridine-2-carboxylic acid,
3-[(2-cyanophenyl)amino]-6,7-dihydro-7-[1-(methylsulfonyl)-1H-indol-5-yl]-
6-oxo-, ethyl ester (CA INDEX NAME)



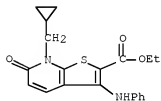
RN 639479-57-5 CAPLUS

CN Thieno[2,3-b]pyridine-2-carboxylic acid,
3-[(2-cyanophenyl)amino]-6,7-dihydro-7-(1-methyl-1H-indol-5-yl)-6-oxo-,
ethyl ester (CA INDEX NAME)



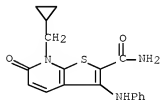
RN 639479-59-7 CAPLUS

CN Thieno[2,3-b]pyridine-2-carboxylic acid,
7-(cyclopropylmethyl)-6,7-dihydro-6-oxo-3-(phenylamino)-, ethyl ester (CA
INDEX NAME)



RN 639479-60-0 CAPLUS

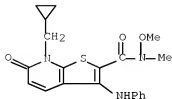
CN Thieno[2,3-b]pyridine-2-carboxamide,
7-(cyclopropylmethyl)-6,7-dihydro-6-oxo-3-(phenylamino)- (CA INDEX NAME)



RN 639479-61-1 CAPLUS

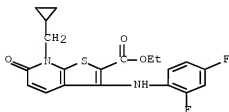
CN Thieno[2,3-b]pyridine-2-carboxamide,
7-(cyclopropylmethyl)-6,7-dihydro-N-methoxy-N-methyl-6-oxo-3-(phenylamino)-

(CA INDEX NAME)



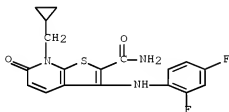
RN 639479-62-2 CAPLUS

CN Thieno[2,3-b]pyridine-2-carboxylic acid,
7-(cyclopropylmethyl)-3-[(2,4-difluorophenyl)amino]-6,7-dihydro-6-oxo-,
ethyl ester (CA INDEX NAME)



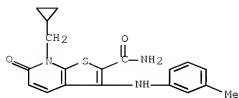
RN 639479-63-3 CAPLUS

CN Thieno[2,3-b]pyridine-2-carboxamide,
7-(cyclopropylmethyl)-3-[(2,4-difluorophenyl)amino]-6,7-dihydro-6-oxo-
(CA INDEX NAME)



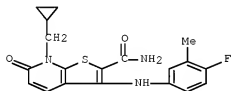
RN 639479-69-9 CAPLUS

CN Thieno[2,3-b]pyridine-2-carboxamide,
7-(cyclopropylmethyl)-6,7-dihydro-3-[(3-methylphenyl)amino]-6-oxo- (CA
INDEX NAME)



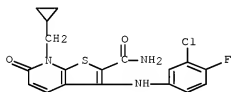
RN 639479-70-2 CAPLUS

CN Thieno[2,3-b]pyridine-2-carboxamide,
7-(cyclopropylmethyl)-3-[(4-fluoro-3-methylphenyl)amino]-6,7-dihydro-6-oxo-
(CA INDEX NAME)



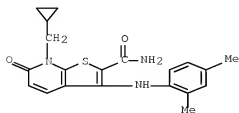
RN 639479-71-3 CAPLUS

CN Thieno[2,3-b]pyridine-2-carboxamide,
3-[(3-chloro-4-fluorophenyl)amino]-7-(cyclopropylmethyl)-6,7-dihydro-6-oxo-
(CA INDEX NAME)



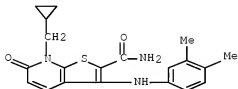
RN 639479-72-4 CAPLUS

CN Thieno[2,3-b]pyridine-2-carboxamide,
7-(cyclopropylmethyl)-3-[(2,4-dimethylphenyl)amino]-6,7-dihydro-6-oxo-
(CA INDEX NAME)



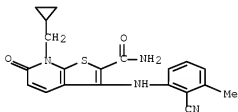
RN 639479-73-5 CAPLUS

CN Thieno[2,3-b]pyridine-2-carboxamide,
7-(cyclopropylmethyl)-3-[(3,4-dimethylphenyl)amino]-6,7-dihydro-6-oxo-
(CA INDEX NAME)



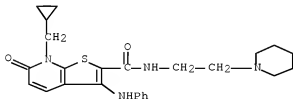
RN 639479-75-7 CAPLUS

CN Thieno[2,3-b]pyridine-2-carboxamide,
3-[(2-cyano-3-methylphenyl)amino]-7-(cyclopropylmethyl)-6,7-dihydro-6-oxo-
(CA INDEX NAME)



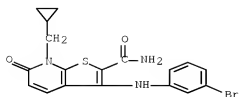
RN 639479-76-8 CAPLUS

CN Thieno[2,3-b]pyridine-2-carboxamide,
7-(cyclopropylmethyl)-6,7-dihydro-6-oxo-3-(phenylamino)-N-[2-(1-piperidinyl)ethyl]- (CA INDEX NAME)



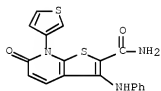
RN 639479-79-1 CAPLUS

CN Thieno[2,3-b]pyridine-2-carboxamide,
3-[(3-bromophenyl)amino]-7-(cyclopropylmethyl)-6,7-dihydro-6-oxo- (CA
INDEX NAME)



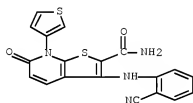
RN 639479-81-5 CAPLUS

CN Thieno[2,3-b]pyridine-2-carboxamide,
6,7-dihydro-6-oxo-3-(phenylamino)-7-(3-thienyl)- (CA INDEX NAME)



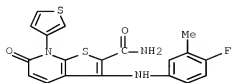
RN 639479-83-7 CAPLUS

CN Thieno[2,3-b]pyridine-2-carboxamide,
3-[(2-cyanophenyl)amino]-6,7-dihydro-6-oxo-7-(3-thienyl)- (CA INDEX NAME)

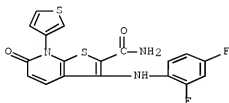


RN 639479-85-9 CAPLUS

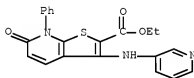
CN Thieno[2,3-b]pyridine-2-carboxamide,
3-[(4-fluoro-3-methylphenyl)amino]-6,7-dihydro-6-oxo-7-(3-thienyl)- (CA INDEX NAME)



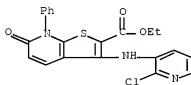
RN 639479-86-0 CAPLUS
 CN Thieno[2,3-b]pyridine-2-carboxamide,
 3-[(2,4-difluorophenyl)amino]-6,7-dihydro-6-oxo-7-(3-thienyl)- (CA INDEX
 NAME)



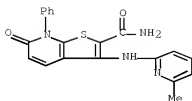
RN 639479-87-1 CAPLUS
 CN Thieno[2,3-b]pyridine-2-carboxylic acid,
 6,7-dihydro-6-oxo-7-phenyl-3-(3-pyridinylamino)-, ethyl ester (CA INDEX
 NAME)



RN 639479-88-2 CAPLUS
 CN Thieno[2,3-b]pyridine-2-carboxylic acid,
 3-[(2-chloro-3-pyridinyl)amino]-6,7-dihydro-6-oxo-7-phenyl-, ethyl ester
 (CA INDEX NAME)

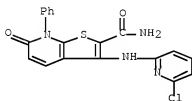


RN 639479-90-6 CAPLUS
 CN Thieno[2,3-b]pyridine-2-carboxamide,
 6,7-dihydro-3-[(6-methyl-2-pyridinyl)amino]-6-oxo-7-phenyl- (CA INDEX
 NAME)



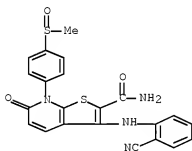
RN 639479-92-8 CAPLUS

CN Thieno[2,3-b]pyridine-2-carboxamide,
3-[(6-chloro-2-pyridinyl)amino]-6,7-dihydro-6-oxo-7-phenyl- (CA INDEX
NAME)



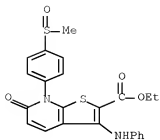
RN 639479-95-1 CAPLUS

CN Thieno[2,3-b]pyridine-2-carboxamide,
3-[(2-cyanophenyl)amino]-6,7-dihydro-7-[4-(methylsulfinyl)phenyl]-6-oxo-
(CA INDEX NAME)



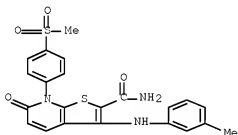
RN 639479-97-3 CAPLUS

CN Thieno[2,3-b]pyridine-2-carboxylic acid,
6,7-dihydro-7-[4-(methylsulfinyl)phenyl]-6-oxo-3-(phenylamino)-, ethyl
ester (CA INDEX NAME)



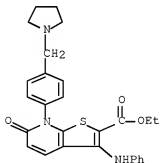
RN 639480-00-5 CAPLUS

CN Thieno[2,3-b]pyridine-2-carboxamide,
6,7-dihydro-3-[(3-methylphenyl)amino]-7-[4-(methylsulfonyl)phenyl]-6-oxo-
(CA INDEX NAME)



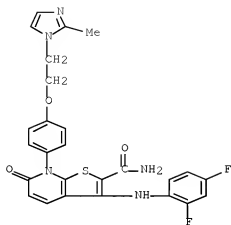
RN 639480-01-6 CAPLUS

CN Thieno[2,3-b]pyridine-2-carboxylic acid,
6,7-dihydro-6-oxo-3-(phenylamino)-7-[4-(1-pyrrolidinylmethyl)phenyl]-,
ethyl ester (CA INDEX NAME)



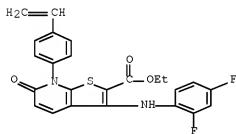
RN 639480-03-8 CAPLUS

CN Thieno[2,3-b]pyridine-2-carboxamide,
3-[(2,4-difluorophenyl)amino]-6,7-dihydro-7-[4-[2-(2-methyl-1H-imidazol-1-yl)ethoxy]phenyl]-6-oxo- (CA INDEX NAME)



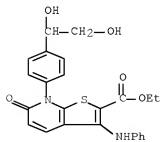
RN 639480-04-9 CAPLUS

CN Thieno[2,3-b]pyridine-2-carboxylic acid,
3-[(2,4-difluorophenyl)amino]-7-(4-ethenylphenyl)-6,7-dihydro-6-oxo-,
ethyl ester (CA INDEX NAME)



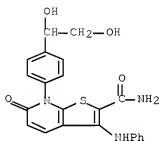
RN 639480-07-2 CAPLUS

CN Thieno[2,3-b]pyridine-2-carboxylic acid,
7-[4-(1,2-dihydroxyethyl)phenyl]-6,7-dihydro-6-oxo-3-(phenylamino)-, ethyl
ester (CA INDEX NAME)



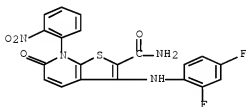
RN 639480-08-3 CAPLUS

CN Thieno[2,3-b]pyridine-2-carboxamide,
7-[4-(1,2-dihydroxyethyl)phenyl]-6,7-dihydro-6-oxo-3-(phenylamino)- (CA
INDEX NAME)



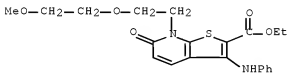
RN 639480-11-8 CAPLUS

CN Thieno[2,3-b]pyridine-2-carboxamide,
3-[(2,4-difluorophenyl)amino]-6,7-dihydro-7-(2-nitrophenyl)-6-oxo- (CA
INDEX NAME)



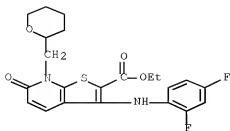
RN 639480-15-2 CAPLUS

CN Thieno[2,3-b]pyridine-2-carboxylic acid,
6,7-dihydro-7-[2-(2-methoxyethoxy)ethyl]-6-oxo-3-(phenylamino)-, ethyl
ester (CA INDEX NAME)



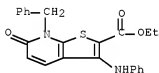
RN 639480-16-3 CAPLUS

CN Thieno[2,3-b]pyridine-2-carboxylic acid,
3-[(2,4-difluorophenyl)amino]-6,7-dihydro-6-oxo-7-[(tetrahydro-2H-pyran-2-
yl)methyl]-, ethyl ester (CA INDEX NAME)



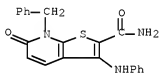
RN 639480-17-4 CAPLUS

CN Thieno[2,3-b]pyridine-2-carboxylic acid,
6,7-dihydro-6-oxo-3-(phenylamino)-7-(phenylmethyl)-, ethyl ester (CA
INDEX NAME)



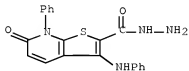
RN 639480-19-6 CAPLUS

CN Thieno[2,3-b]pyridine-2-carboxamide,
6,7-dihydro-6-oxo-3-(phenylamino)-7-(phenylmethyl)- (CA INDEX NAME)



RN 639480-20-9 CAPLUS

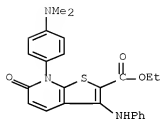
CN Thieno[2,3-b]pyridine-2-carboxylic acid,
6,7-dihydro-6-oxo-7-phenyl-3-(phenylamino)-, hydrazide (CA INDEX NAME)



RN 639480-21-0 CAPLUS

CN Thieno[2,3-b]pyridine-2-carboxylic acid,

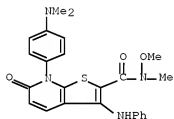
7-[4-(dimethylamino)phenyl]-6,7-dihydro-6-oxo-3-(phenylamino)-, ethyl ester (CA INDEX NAME)



RN 639480-22-1 CAPLUS

CN Thieno[2,3-b]pyridine-2-carboxamide,

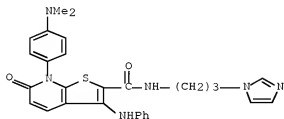
7-[4-(dimethylamino)phenyl]-6,7-dihydro-N-methoxy-N-methyl-6-oxo-3-(phenylamino)- (CA INDEX NAME)



RN 639480-23-2 CAPLUS

CN Thieno[2,3-b]pyridine-2-carboxamide,

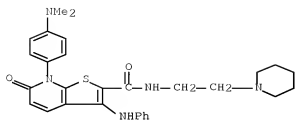
7-[4-(dimethylamino)phenyl]-6,7-dihydro-N-[3-(1H-imidazol-1-yl)propyl]-6-oxo-3-(phenylamino)- (CA INDEX NAME)



RN 639480-24-3 CAPLUS

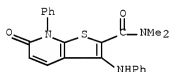
CN Thieno[2,3-b]pyridine-2-carboxamide,

7-[4-(dimethylamino)phenyl]-6,7-dihydro-6-oxo-3-(phenylamino)-N-[2-(1-piperidinyl)ethyl]- (CA INDEX NAME)



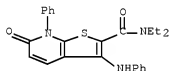
RN 639480-25-4 CAPLUS

CN Thieno[2,3-b]pyridine-2-carboxamide,
6,7-dihydro-N,N-dimethyl-6-oxo-7-phenyl-3-(phenylamino)- (CA INDEX NAME)



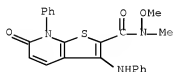
RN 639480-26-5 CAPLUS

CN Thieno[2,3-b]pyridine-2-carboxamide,
N,N-diethyl-6,7-dihydro-6-oxo-7-phenyl-3-(phenylamino)- (CA INDEX NAME)



RN 639480-27-6 CAPLUS

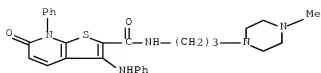
CN Thieno[2,3-b]pyridine-2-carboxamide,
6,7-dihydro-N-methoxy-N-methyl-6-oxo-7-phenyl-3-(phenylamino)- (CA INDEX NAME)



RN 639480-28-7 CAPLUS

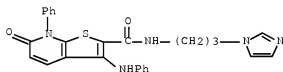
CN Thieno[2,3-b]pyridine-2-carboxamide,
6,7-dihydro-N-[3-(4-methyl-1-piperazinyl)propyl]-6-oxo-7-phenyl-3-

(phenylamino)- (CA INDEX NAME)



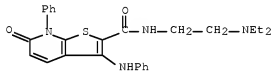
RN 639480-29-8 CAPLUS

CN Thieno[2,3-b]pyridine-2-carboxamide,
6,7-dihydro-N-[3-(1H-imidazol-1-yl)propyl]-6-oxo-7-phenyl-3-(phenylamino)-
(CA INDEX NAME)



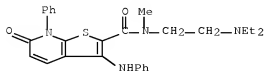
RN 639480-30-1 CAPLUS

CN Thieno[2,3-b]pyridine-2-carboxamide,
N-[2-(diethylamino)ethyl]-6,7-dihydro-6-oxo-7-phenyl-3-(phenylamino)- (CA
INDEX NAME)



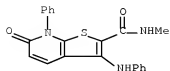
RN 639480-31-2 CAPLUS

CN Thieno[2,3-b]pyridine-2-carboxamide,
N-[2-(diethylamino)ethyl]-6,7-dihydro-N-methyl-6-oxo-7-phenyl-3-
(phenylamino)- (CA INDEX NAME)



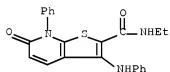
RN 639480-32-3 CAPLUS

CN Thieno[2,3-b]pyridine-2-carboxamide,
6,7-dihydro-N-methyl-6-oxo-7-phenyl-3-(phenylamino)- (CA INDEX NAME)



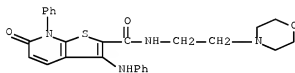
RN 639480-33-4 CAPLUS

CN Thieno[2,3-b]pyridine-2-carboxamide,
N-ethyl-6,7-dihydro-6-oxo-7-phenyl-3-(phenylamino)- (CA INDEX NAME)



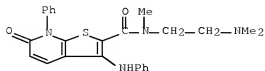
RN 639480-34-5 CAPLUS

CN Thieno[2,3-b]pyridine-2-carboxamide,
6,7-dihydro-N-[2-(4-morpholinyl)ethyl]-6-oxo-7-phenyl-3-(phenylamino)-
(CA INDEX NAME)



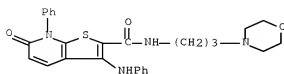
RN 639480-35-6 CAPLUS

CN Thieno[2,3-b]pyridine-2-carboxamide,
N-[2-(dimethylamino)ethyl]-6,7-dihydro-N-methyl-6-oxo-7-phenyl-3-(phenylamino)-
(CA INDEX NAME)



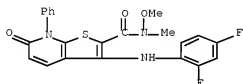
RN 639480-36-7 CAPLUS

CN Thieno[2,3-b]pyridine-2-carboxamide,
6,7-dihydro-N-[3-(4-morpholinyl)propyl]-6-oxo-7-phenyl-3-(phenylamino)-
(CA INDEX NAME)



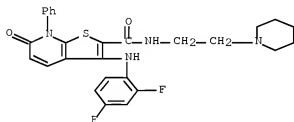
RN 639480-37-8 CAPLUS

CN Thieno[2,3-b]pyridine-2-carboxamide,
3-[(2,4-difluorophenyl)amino]-6,7-dihydro-N-methoxy-N-methyl-6-oxo-7-
phenyl- (CA INDEX NAME)



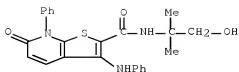
RN 639480-38-9 CAPLUS

CN Thieno[2,3-b]pyridine-2-carboxamide,
3-[(2,4-difluorophenyl)amino]-6,7-dihydro-6-oxo-7-phenyl-N-[2-(1-
piperidinyl)ethyl]- (CA INDEX NAME)



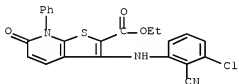
RN 639480-39-0 CAPLUS

CN Thieno[2,3-b]pyridine-2-carboxamide,
6,7-dihydro-N-(2-hydroxy-1,1-dimethylethyl)-6-oxo-7-phenyl-3-(phenylamino)-
(CA INDEX NAME)



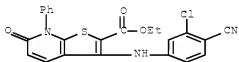
RN 639480-40-3 CAPLUS

CN Thieno[2,3-b]pyridine-2-carboxylic acid,
3-[(3-chloro-2-cyanophenyl)amino]-6,7-dihydro-6-oxo-7-phenyl-, ethyl ester
(CA INDEX NAME)



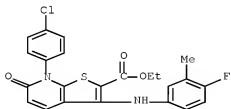
RN 639480-44-7 CAPLUS

CN Thieno[2,3-b]pyridine-2-carboxylic acid,
3-[(3-chloro-4-cyanophenyl)amino]-6,7-dihydro-6-oxo-7-phenyl-, ethyl ester
(CA INDEX NAME)



RN 639480-49-2 CAPLUS

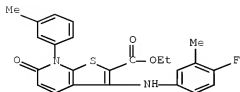
CN Thieno[2,3-b]pyridine-2-carboxylic acid,
7-(4-chlorophenyl)-3-[(4-fluoro-3-methylphenyl)amino]-6,7-dihydro-6-oxo-,
ethyl ester (CA INDEX NAME)



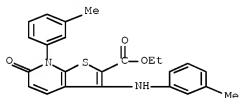
RN 639480-50-5 CAPLUS

CN Thieno[2,3-b]pyridine-2-carboxylic acid,

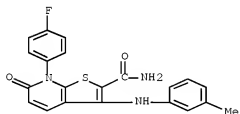
3-[(4-fluoro-3-methylphenyl)amino]-6,7-dihydro-7-(3-methylphenyl)-6-oxo-,
ethyl ester (CA INDEX NAME)



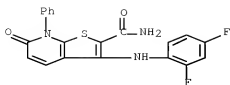
RN 639480-51-6 CAPLUS
CN Thieno[2,3-b]pyridine-2-carboxylic acid,
6,7-dihydro-7-(3-methylphenyl)-3-[(3-methylphenyl)amino]-6-oxo-, ethyl
ester (CA INDEX NAME)



RN 639480-77-6 CAPLUS
CN Thieno[2,3-b]pyridine-2-carboxamide,
7-(4-fluorophenyl)-6,7-dihydro-3-[(3-methylphenyl)amino]-6-oxo- (CA INDEX
NAME)

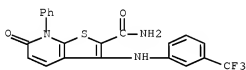


RN 639480-78-7 CAPLUS
CN Thieno[2,3-b]pyridine-2-carboxamide,
3-[(2,4-difluorophenyl)amino]-6,7-dihydro-6-oxo-7-phenyl- (CA INDEX NAME)



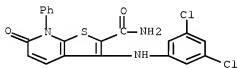
RN 639480-79-8 CAPLUS

CN Thieno[2,3-b]pyridine-2-carboxamide,
6,7-dihydro-6-oxo-7-phenyl-3-[[3-(trifluoromethyl)phenyl]amino]- (CA
INDEX NAME)



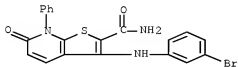
RN 639480-80-1 CAPLUS

CN Thieno[2,3-b]pyridine-2-carboxamide,
3-[(3,5-dichlorophenyl)amino]-6,7-dihydro-6-oxo-7-phenyl- (CA INDEX NAME)



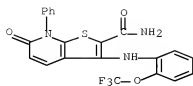
RN 639480-81-2 CAPLUS

CN Thieno[2,3-b]pyridine-2-carboxamide,
3-[(3-bromophenyl)amino]-6,7-dihydro-6-oxo-7-phenyl- (CA INDEX NAME)



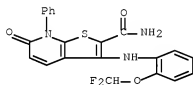
RN 639480-82-3 CAPLUS

CN Thieno[2,3-b]pyridine-2-carboxamide,
6,7-dihydro-6-oxo-7-phenyl-3-[[2-(trifluoromethoxy)phenyl]amino]- (CA
INDEX NAME)



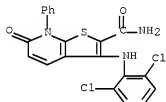
RN 639480-83-4 CAPLUS

CN Thieno[2,3-b]pyridine-2-carboxamide,
3-[[2-(difluoromethoxy)phenyl]amino]-6,7-dihydro-6-oxo-7-phenyl- (CA
INDEX NAME)



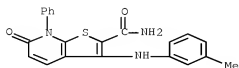
RN 639480-84-5 CAPLUS

CN Thieno[2,3-b]pyridine-2-carboxamide,
3-[(2,6-dichlorophenyl)amino]-6,7-dihydro-6-oxo-7-phenyl- (CA INDEX NAME)



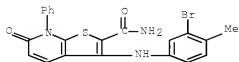
RN 639480-85-6 CAPLUS

CN Thieno[2,3-b]pyridine-2-carboxamide,
6,7-dihydro-3-[(3-methylphenyl)amino]-6-oxo-7-phenyl- (CA INDEX NAME)

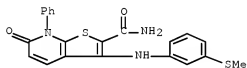


RN 639480-86-7 CAPLUS

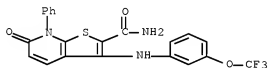
CN Thieno[2,3-b]pyridine-2-carboxamide,
3-[(3-bromo-4-methylphenyl)amino]-6,7-dihydro-6-oxo-7-phenyl- (CA INDEX
NAME)



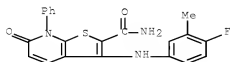
RN 639480-87-8 CAPLUS
CN Thieno[2,3-b]pyridine-2-carboxamide,
6,7-dihydro-3-[[3-(methylthio)phenyl]amino]-6-oxo-7-phenyl- (CA INDEX
NAME)



RN 639480-88-9 CAPLUS
CN Thieno[2,3-b]pyridine-2-carboxamide,
6,7-dihydro-6-oxo-7-phenyl-3-[[3-(trifluoromethoxy)phenyl]amino]- (CA
INDEX NAME)

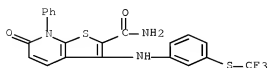


RN 639480-89-0 CAPLUS
CN Thieno[2,3-b]pyridine-2-carboxamide,
3-[(4-fluoro-3-methylphenyl)amino]-6,7-dihydro-6-oxo-7-phenyl- (CA INDEX
NAME)

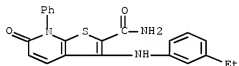


RN 639480-90-3 CAPLUS
CN Thieno[2,3-b]pyridine-2-carboxamide,

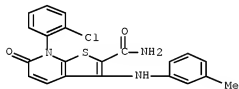
6,7-dihydro-6-oxo-7-phenyl-3-[[3-[(trifluoromethyl)thio]phenyl]amino]-
(CA INDEX NAME)



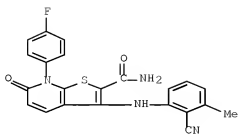
RN 639480-91-4 CAPLUS
CN Thieno[2,3-b]pyridine-2-carboxamide,
3-[(3-ethylphenyl)amino]-6,7-dihydro-6-oxo-7-phenyl- (CA INDEX NAME)



RN 639480-92-5 CAPLUS
CN Thieno[2,3-b]pyridine-2-carboxamide,
7-(2-chlorophenyl)-6,7-dihydro-3-[(3-methylphenyl)amino]-6-oxo- (CA INDEX NAME)

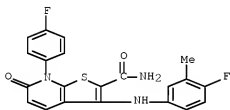


RN 639480-93-6 CAPLUS
CN Thieno[2,3-b]pyridine-2-carboxamide,
3-[(2-cyano-3-methylphenyl)amino]-7-(4-fluorophenyl)-6,7-dihydro-6-oxo-
(CA INDEX NAME)



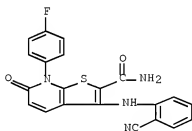
RN 639480-94-7 CAPLUS

CN Thieno[2,3-b]pyridine-2-carboxamide,
3-[(4-fluoro-3-methylphenyl)amino]-7-(4-fluorophenyl)-6,7-dihydro-6-oxo-
(CA INDEX NAME)



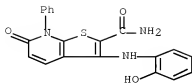
RN 639480-95-8 CAPLUS

CN Thieno[2,3-b]pyridine-2-carboxamide,
3-[(2-cyanophenyl)amino]-7-(4-fluorophenyl)-6,7-dihydro-6-oxo- (CA INDEX
NAME)

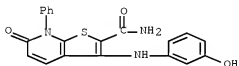


RN 639480-96-9 CAPLUS

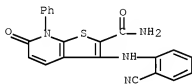
CN Thieno[2,3-b]pyridine-2-carboxamide,
6,7-dihydro-3-[(2-hydroxyphenyl)amino]-6-oxo-7-phenyl- (CA INDEX NAME)



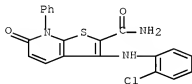
RN 639480-97-0 CAPLUS
 CN Thieno[2,3-b]pyridine-2-carboxamide,
 6,7-dihydro-3-[(3-hydroxyphenyl)amino]-6-oxo-7-phenyl- (CA INDEX NAME)



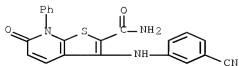
RN 639480-98-1 CAPLUS
 CN Thieno[2,3-b]pyridine-2-carboxamide,
 3-[(2-cyanophenyl)amino]-6,7-dihydro-6-oxo-7-phenyl- (CA INDEX NAME)



RN 639480-99-2 CAPLUS
 CN Thieno[2,3-b]pyridine-2-carboxamide,
 3-[(2-chlorophenyl)amino]-6,7-dihydro-6-oxo-7-phenyl- (CA INDEX NAME)

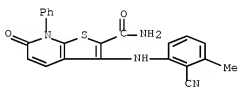


RN 639481-00-8 CAPLUS
 CN Thieno[2,3-b]pyridine-2-carboxamide,
 3-[(3-cyanophenyl)amino]-6,7-dihydro-6-oxo-7-phenyl- (CA INDEX NAME)



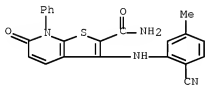
RN 639481-01-9 CAPLUS

CN Thieno[2,3-b]pyridine-2-carboxamide,
3-[(2-cyano-3-methylphenyl)amino]-6,7-dihydro-6-oxo-7-phenyl- (CA INDEX
NAME)



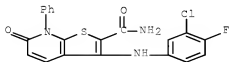
RN 639481-02-0 CAPLUS

CN Thieno[2,3-b]pyridine-2-carboxamide,
3-[(2-cyano-5-methylphenyl)amino]-6,7-dihydro-6-oxo-7-phenyl- (CA INDEX
NAME)



RN 639481-03-1 CAPLUS

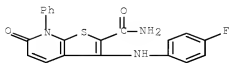
CN Thieno[2,3-b]pyridine-2-carboxamide,
3-[(3-chloro-4-fluorophenyl)amino]-6,7-dihydro-6-oxo-7-phenyl- (CA INDEX
NAME)



RN 639481-04-2 CAPLUS

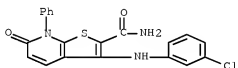
CN Thieno[2,3-b]pyridine-2-carboxamide,

3-[(4-fluorophenyl)amino]-6,7-dihydro-6-oxo-7-phenyl- (CA INDEX NAME)



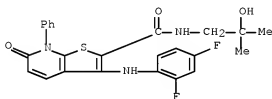
RN 639481-05-3 CAPLUS

CN Thieno[2,3-b]pyridine-2-carboxamide,
3-[(3-chlorophenyl)amino]-6,7-dihydro-6-oxo-7-phenyl- (CA INDEX NAME)



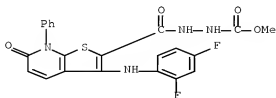
RN 639481-09-7 CAPLUS

CN Thieno[2,3-b]pyridine-2-carboxamide,
3-[(2,4-difluorophenyl)amino]-6,7-dihydro-N-(2-hydroxy-2-methylpropyl)-6-oxo-7-phenyl- (CA INDEX NAME)



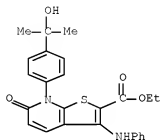
RN 639481-10-0 CAPLUS

CN Thieno[2,3-b]pyridine-2-carboxylic acid,
3-[(2,4-difluorophenyl)amino]-6,7-dihydro-6-oxo-7-phenyl-,
2-(methoxycarbonyl)hydrazide (CA INDEX NAME)



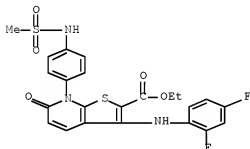
RN 639481-12-2 CAPLUS

CN Thieno[2,3-b]pyridine-2-carboxylic acid,
6,7-dihydro-7-[4-(1-hydroxy-1-methylethyl)phenyl]-6-oxo-3-(phenylamino)-,
ethyl ester (CA INDEX NAME)



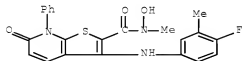
RN 639481-13-3 CAPLUS

CN Thieno[2,3-b]pyridine-2-carboxylic acid,
3-[(2,4-difluorophenyl)amino]-6,7-dihydro-7-[4-
[(methylsulfonyl)amino]phenyl]-6-oxo-, ethyl ester (CA INDEX NAME)



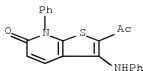
RN 639481-15-5 CAPLUS

CN Thieno[2,3-b]pyridine-2-carboxamide,
3-[(4-fluoro-3-methylphenyl)amino]-6,7-dihydro-N-hydroxy-N-methyl-6-oxo-7-
phenyl- (CA INDEX NAME)



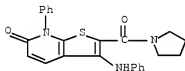
RN 639481-16-6 CAPLUS

CN Thieno[2,3-b]pyridin-6(7H)-one, 2-acetyl-7-phenyl-3-(phenylamino)- (CA
INDEX NAME)



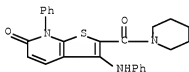
RN 639481-18-8 CAPLUS

CN Thieno[2,3-b]pyridin-6(7H)-one, 7-phenyl-3-(phenylamino)-2-(1-pyrrolidinylcarbonyl)- (CA INDEX NAME)



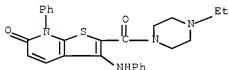
RN 639481-19-9 CAPLUS

CN Thieno[2,3-b]pyridin-6(7H)-one, 7-phenyl-3-(phenylamino)-2-(1-piperidinylcarbonyl)- (CA INDEX NAME)



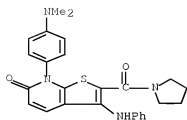
RN 639481-20-2 CAPLUS

CN Thieno[2,3-b]pyridin-6(7H)-one, 2-[(4-ethyl-1-piperazinyl)carbonyl]-7-phenyl-3-(phenylamino)- (CA INDEX NAME)



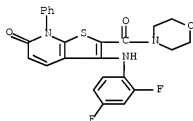
RN 639481-21-3 CAPLUS

CN Thieno[2,3-b]pyridin-6(7H)-one, 7-[4-(dimethylamino)phenyl]-3-(phenylamino)-2-(1-pyrrolidinylcarbonyl)- (CA INDEX NAME)



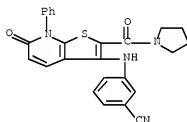
RN 639481-22-4 CAPLUS

CN Thieno[2,3-b]pyridin-6(7H)-one, 3-[(2,4-difluorophenyl)amino]-2-(4-morpholinylcarbonyl)-7-phenyl- (CA INDEX NAME)



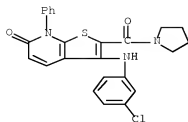
RN 639481-23-5 CAPLUS

CN Benzonitrile, 3-[[6,7-dihydro-6-oxo-7-phenyl-2-(1-pyrrolidinylcarbonyl)thieno[2,3-b]pyridin-3-yl]amino]- (CA INDEX NAME)



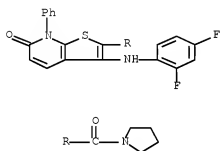
RN 639481-24-6 CAPLUS

CN Thieno[2,3-b]pyridin-6(7H)-one, 3-[(3-chlorophenyl)amino]-7-phenyl-2-(1-pyrrolidinylcarbonyl)- (CA INDEX NAME)



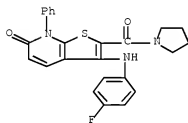
RN 639481-25-7 CAPLUS

CN Thieno[2,3-b]pyridin-6(7H)-one, 3-[(2,4-difluorophenyl)amino]-7-phenyl-2-(1-pyrrolidinylcarbonyl)- (CA INDEX NAME)



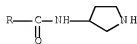
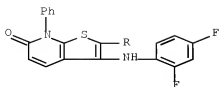
RN 639481-26-8 CAPLUS

CN Thieno[2,3-b]pyridin-6(7H)-one, 3-[(4-fluorophenyl)amino]-7-phenyl-2-(1-pyrrolidinylcarbonyl)- (CA INDEX NAME)

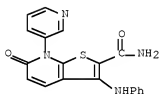


RN 639481-27-9 CAPLUS

CN Thieno[2,3-b]pyridine-2-carboxamide, 3-[(2,4-difluorophenyl)amino]-6,7-dihydro-6-oxo-7-phenyl-N-3-pyrrolidinyl- (CA INDEX NAME)



RN 639504-80-6 CAPLUS
 CN Thieno[2,3-b]pyridine-2-carboxamide,
 6,7-dihydro-6-oxo-3-(phenylamino)-7-(3-pyridinyl)- (CA INDEX NAME)



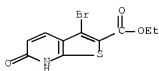
IT 514182-52-6P 514182-57-1P 639481-23-0P
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 639481-48-4P 639481-49-5P 639481-50-8P
 639481-52-0P 639481-55-3P 639481-56-4P
 639481-58-6P 639481-60-0P 639481-61-1P
 639481-62-2P 639481-63-3P 639481-64-4P
 639481-65-5P 639481-66-6P 639481-67-7P
 639481-72-1P 639481-73-5P 639481-84-6P
 639481-85-9P 639481-86-0P 639481-87-1P
 639481-89-3P 639481-90-6P 639481-91-7P
 639481-92-8P 639481-93-9P 639481-94-0P
 639481-99-5P 639482-00-1P 639482-02-3P
 639482-04-5P 639482-05-6P 639482-06-7P
 639482-07-8P 639482-09-0P 639482-10-3P
 639482-11-4P 639482-12-5P 639482-13-6P
 639482-17-0P 639504-79-3P

RL: IMF (Industrial manufacture); RCT (Reactant); SPN (Synthetic
 preparation); PREP (Preparation); RACT (Reactant or reagent)
 (preparation of arylamine substituted bicyclic hetero-aromatic compds. as

p38

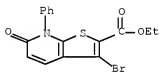
kinase inhibitors)

RN 514182-52-6 CAPLUS
 CN Thieno[2,3-b]pyridine-2-carboxylic acid, 3-bromo-6,7-dihydro-6-oxo-, ethyl
 ester (CA INDEX NAME)



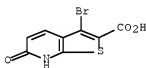
RN 514182-57-1 CAPLUS

CN Thieno[2,3-b]pyridine-2-carboxylic acid,
3-bromo-6,7-dihydro-6-oxo-7-phenyl-, ethyl ester (CA INDEX NAME)



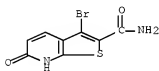
RN 639481-28-0 CAPLUS

CN Thieno[2,3-b]pyridine-2-carboxylic acid, 3-bromo-6,7-dihydro-6-oxo- (CA INDEX NAME)



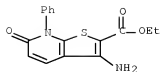
RN 639481-29-1 CAPLUS

CN Thieno[2,3-b]pyridine-2-carboxamide, 3-bromo-6,7-dihydro-6-oxo- (CA INDEX NAME)



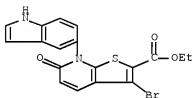
RN 639481-34-8 CAPLUS

CN Thieno[2,3-b]pyridine-2-carboxylic acid,
3-amino-6,7-dihydro-6-oxo-7-phenyl-, ethyl ester (CA INDEX NAME)



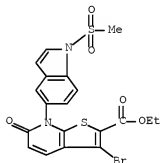
RN 639481-47-3 CAPLUS

CN Thieno[2,3-b]pyridine-2-carboxylic acid,
3-bromo-6,7-dihydro-7-(1H-indol-5-yl)-6-oxo-, ethyl ester (CA INDEX NAME)



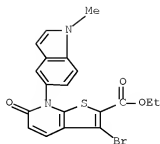
RN 639481-48-4 CAPLUS

CN Thieno[2,3-b]pyridine-2-carboxylic acid,
3-bromo-6,7-dihydro-7-[1-(methylsulfonyl)-1H-indol-5-yl]-6-oxo-, ethyl
ester (CA INDEX NAME)



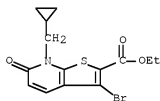
RN 639481-49-5 CAPLUS

CN Thieno[2,3-b]pyridine-2-carboxylic acid,
3-bromo-6,7-dihydro-7-(1-methyl-1H-indol-5-yl)-6-oxo-, ethyl ester (CA
INDEX NAME)



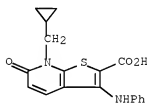
RN 639481-50-8 CAPLUS

CN Thieno[2,3-b]pyridine-2-carboxylic acid,
3-bromo-7-(cyclopropylmethyl)-6,7-dihydro-6-oxo-, ethyl ester (CA INDEX
NAME)



RN 639481-52-0 CAPLUS

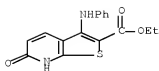
CN Thieno[2,3-b]pyridine-2-carboxylic acid,
7-(cyclopropylmethyl)-6,7-dihydro-6-oxo-3-(phenylamino)-, ammonium salt
(1:1) (CA INDEX NAME)



● NH₃

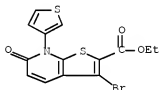
RN 639481-55-3 CAPLUS

CN Thieno[2,3-b]pyridine-2-carboxylic acid,
6,7-dihydro-6-oxo-3-(phenylamino)-, ethyl ester (CA INDEX NAME)



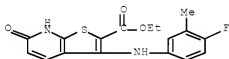
RN 639481-56-4 CAPLUS

CN Thieno[2,3-b]pyridine-2-carboxylic acid,
3-bromo-6,7-dihydro-6-oxo-7-(3-thienyl)-, ethyl ester (CA INDEX NAME)



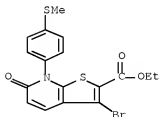
RN 639481-58-6 CAPLUS

CN Thieno[2,3-b]pyridine-2-carboxylic acid,
3-[(4-fluoro-3-methylphenyl)amino]-6,7-dihydro-6-oxo-, ethyl ester (CA
INDEX NAME)



RN 639481-60-0 CAPLUS

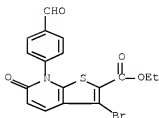
CN Thieno[2,3-b]pyridine-2-carboxylic acid,
3-bromo-6,7-dihydro-7-[4-(methylthio)phenyl]-6-oxo-, ethyl ester (CA
INDEX NAME)



RN 639481-61-1 CAPLUS

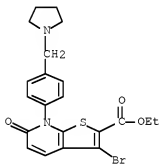
CN Thieno[2,3-b]pyridine-2-carboxylic acid,

3-bromo-7-(4-formylphenyl)-6,7-dihydro-6-oxo-, ethyl ester (CA INDEX NAME)



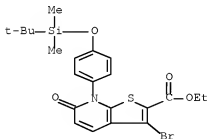
RN 639481-62-2 CAPLUS

CN Thieno[2,3-b]pyridine-2-carboxylic acid,
3-bromo-6,7-dihydro-6-oxo-7-[4-(1-pyrrolidinylmethyl)phenyl]-, ethyl ester
(CA INDEX NAME)



RN 639481-63-3 CAPLUS

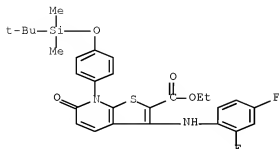
CN Thieno[2,3-b]pyridine-2-carboxylic acid,
3-bromo-7-[4-[[[(1,1-dimethylethyl)dimethylsilyl]oxy]phenyl]]-6,7-dihydro-6-oxo-, ethyl ester (CA INDEX NAME)



RN 639481-64-4 CAPLUS

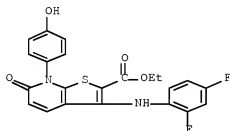
CN Thieno[2,3-b]pyridine-2-carboxylic acid,

3-[(2,4-difluorophenyl)amino]-7-[4-[(1,1-dimethylethyl)dimethylsilyl]oxy]phenyl]-6,7-dihydro-6-oxo-, ethyl ester
(CA INDEX NAME)



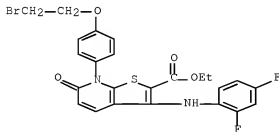
RN 639481-65-5 CAPLUS

CN Thieno[2,3-b]pyridine-2-carboxylic acid,
3-[(2,4-difluorophenyl)amino]-6,7-dihydro-7-(4-hydroxyphenyl)-6-oxo-,
ethyl ester (CA INDEX NAME)



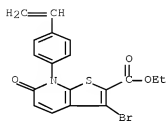
RN 639481-66-6 CAPLUS

CN Thieno[2,3-b]pyridine-2-carboxylic acid,
7-[4-(2-bromoethoxy)phenyl]-3-[(2,4-difluorophenyl)amino]-6,7-dihydro-6-oxo-, ethyl ester (CA INDEX NAME)

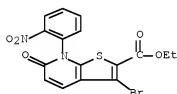


RN 639481-67-7 CAPLUS

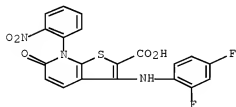
CN Thieno[2,3-b]pyridine-2-carboxylic acid,
3-bromo-7-(4-ethenylphenyl)-6,7-dihydro-6-oxo-, ethyl ester (CA INDEX
NAME)



RN 639481-72-4 CAPLUS
CN Thieno[2,3-b]pyridine-2-carboxylic acid,
3-bromo-6,7-dihydro-7-(2-nitrophenyl)-6-oxo-, ethyl ester (CA INDEX NAME)

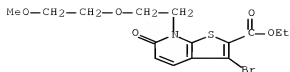


RN 639481-73-5 CAPLUS
CN Thieno[2,3-b]pyridine-2-carboxylic acid,
3-[(2,4-difluorophenyl)amino]-6,7-dihydro-7-(2-nitrophenyl)-6-oxo-, sodium
salt (1:1) (CA INDEX NAME)



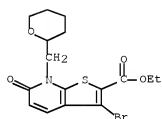
● Na

RN 639481-84-8 CAPLUS
CN Thieno[2,3-b]pyridine-2-carboxylic acid,
3-bromo-6,7-dihydro-7-[2-(2-methoxyethoxy)ethyl]-6-oxo-, ethyl ester (CA
INDEX NAME)



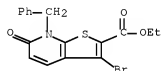
RN 639481-85-9 CAPLUS

CN Thieno[2,3-b]pyridine-2-carboxylic acid,
3-bromo-6,7-dihydro-6-oxo-7-[(tetrahydro-2H-pyran-2-yl)methyl]-, ethyl
ester (CA INDEX NAME)



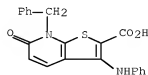
RN 639481-86-0 CAPLUS

CN Thieno[2,3-b]pyridine-2-carboxylic acid,
3-bromo-6,7-dihydro-6-oxo-7-(phenylmethyl)-, ethyl ester (CA INDEX NAME)



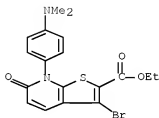
RN 639481-87-1 CAPLUS

CN Thieno[2,3-b]pyridine-2-carboxylic acid,
6,7-dihydro-6-oxo-3-(phenylamino)-7-(phenylmethyl)-, ammonium salt (1:1)
(CA INDEX NAME)

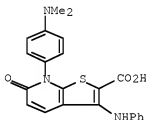


● NH₃

RN 639481-89-3 CAPLUS
 CN Thieno[2,3-b]pyridine-2-carboxylic acid,
 3-bromo-7-[4-(dimethylamino)phenyl]-6,7-dihydro-6-oxo-, ethyl ester (CA
 INDEX NAME)

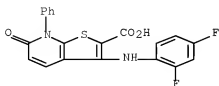


RN 639481-90-6 CAPLUS
 CN Thieno[2,3-b]pyridine-2-carboxylic acid,
 7-[4-(dimethylamino)phenyl]-6,7-dihydro-6-oxo-3-(phenylamino)-, ammonium
 salt (1:1) (CA INDEX NAME)



● NH₃

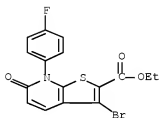
RN 639481-91-7 CAPLUS
 CN Thieno[2,3-b]pyridine-2-carboxylic acid,
 3-[(2,4-difluorophenyl)amino]-6,7-dihydro-6-oxo-7-phenyl-, ammonium salt
 (1:1) (CA INDEX NAME)



● NH₃

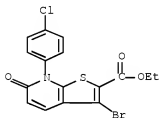
RN 639481-92-8 CAPLUS

CN Thieno[2,3-b]pyridine-2-carboxylic acid,
3-bromo-7-(4-fluorophenyl)-6,7-dihydro-6-oxo-, ethyl ester (CA INDEX
NAME)



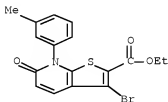
RN 639481-93-9 CAPLUS

CN Thieno[2,3-b]pyridine-2-carboxylic acid,
3-bromo-7-(4-chlorophenyl)-6,7-dihydro-6-oxo-, ethyl ester (CA INDEX
NAME)



RN 639481-94-0 CAPLUS

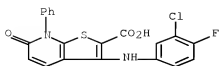
CN Thieno[2,3-b]pyridine-2-carboxylic acid,
3-bromo-6,7-dihydro-7-(3-methylphenyl)-6-oxo-, ethyl ester (CA INDEX
NAME)



RN 639481-99-5 CAPLUS

CN Thieno[2,3-b]pyridine-2-carboxylic acid,
3-[(3-chloro-4-fluorophenyl)amino]-6,7-dihydro-6-oxo-7-phenyl-, ammonium

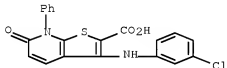
salt (1:1) (CA INDEX NAME)



● NH₃

RN 639482-00-1 CAPLUS

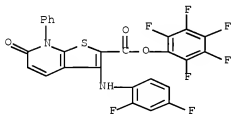
CN Thieno[2,3-b]pyridine-2-carboxylic acid,
3-[(3-chlorophenyl)amino]-6,7-dihydro-6-oxo-7-phenyl-, ammonium salt (1:1)
(CA INDEX NAME)



● NH₃

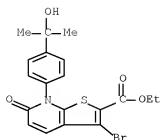
RN 639482-02-3 CAPLUS

CN Thieno[2,3-b]pyridine-2-carboxylic acid,
3-[(2,4-difluorophenyl)amino]-6,7-dihydro-6-oxo-7-phenyl-,
2,3,4,5,6-pentafluorophenyl ester (CA INDEX NAME)



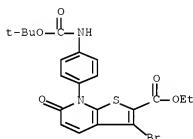
RN 639482-04-5 CAPLUS

CN Thieno[2,3-b]pyridine-2-carboxylic acid,
3-bromo-6,7-dihydro-7-[4-(1-hydroxy-1-methylethyl)phenyl]-6-oxo-, ethyl
ester (CA INDEX NAME)



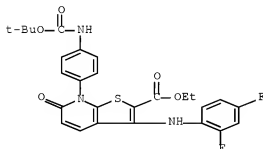
RN 639482-05-6 CAPLUS

CN Thieno[2,3-b]pyridine-2-carboxylic acid,
3-bromo-7-[4-[(1,1-dimethylethoxy)carbonyl]amino]phenyl]-6,7-dihydro-6-
oxo-, ethyl ester (CA INDEX NAME)



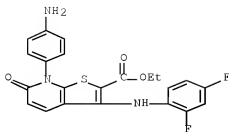
RN 639482-06-7 CAPLUS

CN Thieno[2,3-b]pyridine-2-carboxylic acid,
3-[(2,4-difluorophenyl)amino]-7-[4-[(1,1-
dimethylethoxy)carbonyl]amino]phenyl]-6,7-dihydro-6-oxo-, ethyl ester (CA
INDEX NAME)



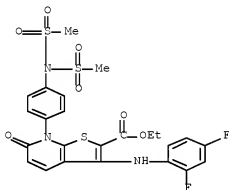
RN 639482-07-8 CAPLUS

CN Thieno[2,3-b]pyridine-2-carboxylic acid,
7-(4-aminophenyl)-3-[(2,4-difluorophenyl)amino]-6,7-dihydro-6-oxo-, ethyl
ester (CA INDEX NAME)



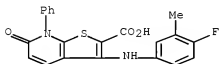
RN 639482-09-0 CAPLUS

CN Thieno[2,3-b]pyridine-2-carboxylic acid,
7-[4-[(2,4-difluorophenyl)amino]-6,7-
dihydro-6-oxo-, ethyl ester (CA INDEX NAME)



RN 639482-10-3 CAPLUS

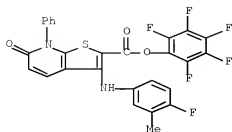
CN Thieno[2,3-b]pyridine-2-carboxylic acid,
3-[(4-fluoro-3-methylphenyl)amino]-6,7-dihydro-6-oxo-7-phenyl-, ammonium
salt (1:1) (CA INDEX NAME)



● NH₃

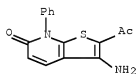
RN 639482-11-4 CAPLUS

CN Thieno[2,3-b]pyridine-2-carboxylic acid,
3-[(4-fluoro-3-methylphenyl)amino]-6,7-dihydro-6-oxo-7-phenyl-,
2,3,4,5,6-pentafluorophenyl ester (CA INDEX NAME)



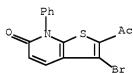
RN 639482-12-5 CAPLUS

CN Thieno[2,3-b]pyridin-6(7H)-one, 2-acetyl-3-amino-7-phenyl- (CA INDEX NAME)



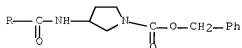
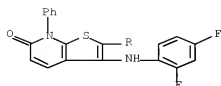
RN 639482-13-6 CAPLUS

CN Thieno[2,3-b]pyridin-6(7H)-one, 2-acetyl-3-bromo-7-phenyl- (CA INDEX NAME)



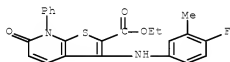
RN 639482-17-0 CAPLUS

CN 1-Pyrrolidinecarboxylic acid, 3-[[[3-[(2,4-difluorophenyl)amino]-6,7-dihydro-6-oxo-7-phenylthieno[2,3-b]pyridin-2-yl]carbonyl]amino]-, phenylmethyl ester (CA INDEX NAME)



RN 639504-79-3 CAPLUS

CN Thieno[2,3-b]pyridine-2-carboxylic acid,
3-[(4-fluoro-3-methylphenyl)amino]-6,7-dihydro-6-oxo-7-phenyl-, ethyl
ester (CA INDEX NAME)



IT 639482-18-1

RL: RCT (Reactant); RACT (Reactant or reagent)

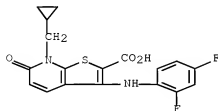
(preparation of arylamine substituted bicyclic hetero-aromatic compds. as

p38

kinase inhibitors)

RN 639482-18-1 CAPLUS

CN Thieno[2,3-b]pyridine-2-carboxylic acid,
7-(cyclopropylmethyl)-3-[(2,4-difluorophenyl)amino]-6,7-dihydro-6-oxo-
(CA INDEX NAME)



REFERENCE COUNT:

3

THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 8 OF 8 CAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 2003:319905 CAPLUS [Full-text](#)

DOCUMENT NUMBER: 138:321293

TITLE: Preparation of bicyclic oxopyridine and oxopyrimidine derivatives as potent selective inhibitors of p38 kinase

INVENTOR(S): Davis, Jeremy Martin; Brookings, Daniel Christopher; Langham, Barry John

PATENT ASSIGNEE(S): Celltech R & D Limited, UK

SOURCE: PCT Int. Appl., 138 pp.
CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

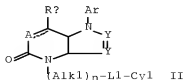
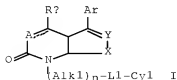
FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

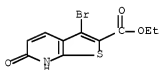
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003033502	A1	20030424	WO 2002-GB4680	20021016
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
CA 2462147	A1	20030424	CA 2002-2462147	20021016
AU 2002336172	A1	20030428	AU 2002-336172	20021016
AU 2002336172	B2	20070913		
EP 1438313	A1	20040721	EP 2002-770072	20021016
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, SK				
HU 2004001718	A2	20041228	HU 2004-1718	20021016
HU 2004001718	A3	20080728		
JP 2005505627	T	20050224	JP 2003-536241	20021016
CN 1604901	A	20050406	CN 2002-825094	20021016
CN 1310921	C	20070418		
NZ 532713	A	20051028	NZ 2002-532713	20021016
MX 2004PA03450	A	20040716	MX 2004-PA3450	20040413
IN 2004DN00970	A	20050401	IN 2004-DN970	20040413
ZA 2004002803	A	20060628	ZA 2004-2803	20040413
NO 2004001975	A	20050716	NO 2004-1975	20040513
US 20040254200	A1	20041216	US 2004-492466	20040720
US 7176215	B2	20070213		
PRIORITY APPLN. INFO.:			GB 2001-24848	A 20011016
			WO 2002-GB4680	W 20021016

OTHER SOURCE(S): MARPAT 138:321293

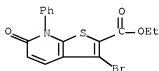
GI



- AB Bicyclic oxopyridine and oxopyrimidine derivs. (shown as I and II, resp. e.g. Et 6-oxo-3,7-diphenyl-6,7-dihydrothieno[2,3-b]pyridine-2-carboxylate; the dashed line = an optional bond; A = N, N(Rb), C(Rb) or C(Rb)(RC); Ra, Rb and Rc = H or an optionally substituted C1-6alkyl; X = O, S, NH or substituted N; each Y = N, CH or substituted C; n = 0-1; Alk1 = optionally substituted aliphatic or heteroaliph. chain; L1 = covalent bond or a linker atom or group; Cyl = H or optionally substituted cycloaliph., polycycloaliph., heterocycloaliph., polyheterocycloaliph., aromatic or heteroarom. group; Ar = optionally substituted aromatic or heteroarom. group) and the salts, solvates, hydrates and N-oxides thereof are described. The compds. are potent inhibitors of p38 kinase and are use in the prophylaxis or treatment of p38 kinase mediated diseases or disorders, such as rheumatoid arthritis. In the p38 inhibitor assay compds. of the invention have IC50 values of .apprx.30 μ M and below. The more active compds. have IC50 values of .apprx.500 nM and below. The compds. of the invention are clearly potent inhibitors of p38 kinase, especially p38 α kinase. Although the methods of preparation are not claimed, 17 example preps. of intermediates and 129 example preps. of I/II are included.
- IT 514182-52-6P, Ethyl 3-bromo-6-oxo-6,7-dihydrothieno[2,3-b]pyridine-2-carboxylate 514182-57-1P, Ethyl 3-bromo-6-oxo-7-phenyl-6,7-dihydrothieno[2,3-b]pyridine-2-carboxylate
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
 (preparation of bicyclic oxopyridine and oxopyrimidine derivs. as potent selective inhibitors of p38 kinase)
- RN 514182-52-6 CAPLUS
- CN Thieno[2,3-b]pyridine-2-carboxylic acid, 3-bromo-6,7-dihydro-6-oxo-, ethyl ester (CA INDEX NAME)



- RN 514182-57-1 CAPLUS
- CN Thieno[2,3-b]pyridine-2-carboxylic acid, 3-bromo-6,7-dihydro-6-oxo-7-phenyl-, ethyl ester (CA INDEX NAME)



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